

20001103.qrp v01_n995.qrl.20001103

Date: Fri, 3 Nov 2000 19:03:08 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1995

QRP-L Digest 1995

Topics covered in this issue include:

- 1) [82993] Re: PSK:Align your Warbler without W1AW
by "Steven Weber" <kd1jv@moose.ncia.net>
- 2) [82994] 10 Meters
by "Ron Polityka" <wb3aal@fast.net>
- 3) [82995] Re: [82927] FOX-FDA on notice!
by "Joe Malloy" <jmalloy@hamilton.edu>
- 4) [82996] Zombie scoring
by "Paul Harden, NA5N" <na5n@rt66.com>
- 5) [82997] Re: [fpqrp] First TT2 QS0!
by wb8icn1@juno.com
- 6) [82998] GOOD DAY IN NH
by N10DL@aol.com
- 7) [82999] RE:PSK31 BIG Bang for your buck
by "Dan W. Dooley" <dandooley@pipeline.com>
- 8) [83000] FPfox- Snagged him first time
by N10DL@aol.com
- 9) [83001] Re: PSK:Align your Warbler without W1AW
by Bill Jones <kd7s@psnw.com>
- 10) [83002] A Quick Comment on QSLs
by "Dan W. Dooley" <dandooley@pipeline.com>
- 11) [83003] Heathkit Website address ?
by Rick McKee <kc8aon@juno.com>
- 12) [83004] Fox
by "Kenneth Wilson" <kg4big@mindspring.com>
- 13) [83005] Warbler "Kit Notes" page - lotsa updates!
by "George Heron N2APB" <n2apb@erols.com>
- 14) [83006] Calling the Fox on his freq
by Paul Womble <pwomble1@tampabay.rr.com>
- 15) [83007] FOX O' Nuts!
by "Karl F. Larsen" <k5di@zianet.com>
- 16) [83008] Fox - Got him! and a few comments
by "David Ek" <ekdave@earthlink.net>
- 17) [83009] SanGean 505 Question
by "Mike Duke" <k5xu@concentric.net>
- 18) [83010] FW: ic chip
by "Charles Mabbott" <crmabbott@mediaone.net>
- 19) [83011] RE: Calling the Fox on his freq

by "Andreas Junge" <andreas@opengrid.com>
20) [83012] Parts
by "Randy Joiner" <biggman@accucomm.net>
21) [83013] Tuna Tin II QSO?
by "Steve McDonald" <jsm@gulfislands.com>
22) [83014] N1EI had best qrp sig on net tonight
by n4qa@juno.com
23) [83015] Re: PSK: Was that an announcement of a new kit??
by n4qa@juno.com
24) [83016] FS
by "George F. Pierce" <pierce@rice.edu>
25) [83017] Whew!--de K0EVZ Da FOX
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
26) [83018] Re: PSK:Align your Warbler without W1AW
by Russ Dow <n7dw@prodigy.net>
27) [83019] RE: Anyone else hearing the SSB on 7.041 MHz???
by Jim Boyle - K7JMB <K7JMB@QWEST.NET>
28) [83020] Final Log: CUB FOX HUNT #3 10/31/00
by Dave Sjolin <sjolin@swbell.net>
29) [83021] RE: 10 Meters
by "Juan Jose Pastor Estornell" <juanjope@ctv.es>
30) [83022] Re: Parts
by "Ken UK" <setiuk@talk21.com>
31) [83023] Juno users
by John AE5X <ae5x@juno.com>
32) [83024] All RG58 has been shipped!
by Peter_Simpson@ne.3com.com
33) [83025] Re: SanGean 505 Question
by Phil Wheeler <w7ox@earthlink.net>
34) [83026] ZM-2 problem
by "Brian L. Lewis" <bl@csi.com>
35) [83027] J-Track Satellite Tracking
by "Ron Polityka" <wb3aal@fast.net>
36) [83028] Club: Iowa QRP at Davenport hamfest this Sunday
by "John Burnley" <burnleyia@home.com>
37) [83029] Re: Was that an announcement of a new kit??
by "Dave Benson" <nn1g@earthlink.net>
38) [83030] RE:RE: 10 Meters
by William Mabry <n4qa@juno.com>
39) [83031] FOX - zoom zoom
by hamjoel@juno.com
40) [83032] Re: Calling the Fox on his freq
by Bob Hightower <nk7m@extremezone.com>
41) [83033] Radio Dial Calibration
by John R Kirby <n3aaz-qrp@juno.com>
42) [83034] OT: Is there a fox in your backyard?
by Gwendolyn Patton <wendy_lyn@unforgettable.com>
43) [83035] DX on 10 Meters

by "Ron Polityka" <wb3aal@fast.net>
44) [83036] FOX Technique Failed
by "Karl F. Larsen" <k5di@zianet.com>
45) [83037] Re: FOX - zoom zoom
by "N1RZ" <n1rz@timhavens.com>
46) [83038] Contest: PC-CW Interface Diagram
by Brian Kassel <bkassel@dancris.com>
47) [83039]
by Thomas J Whalen <wb5qyt1@juno.com>
48) [83040] OT: How NOMAIL this list?
by Arthur Laurent <ALaurent@npr.org>
49) [83041] Re: Calling the Fox on his freq
by Phil Wheeler <w7ox@earthlink.net>
50) [83042] FOX - Correction to KF4AR Fox log
by "Richard E. Robinson" <rerobins@email.uncc.edu>
51) [83043] Re: PSK:Align your Warbler without W1AW
by Bill Jones <kd7s@psnw.com>
52) [83044] Re: Calling the Fox on his freq
by Ronald_A_Pfeiffer@res.raytheon.com
53) [83045] RE:PSK31 BIG Bang for your buck
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
54) [83046] Re: PSK-80:Enclosures
by Ed Vines <evines@garlic.com>
55) [83047] email troubles
by Thomas J Whalen <wb5qyt1@juno.com>
56) [83048] Re: Toroid Question
by "Paul G Kaczmarek" <Paul.G.Kaczmarek@USA.dupont.com>
57) [83049] FOX Re: Calling the Fox on his freq
by "Karl F. Larsen" <k5di@zianet.com>
58) [83050] Re: FOX Re: Calling the Fox on his freq
by "Mike Yetsko" <myetsko@insydesw.com>
59) [83051] ATUs...
by "Mike Yetsko" <myetsko@insydesw.com>
60) [83052] Infrequent Reminder Re: OT: How NOMAIL this list?
by "Paul R. Valko" <prvalko@oakland.edu>
61) [83053] Reminder for the NOVEMBER SPARTAN SPRINT
by Russ Carpenter <russ@natworld.com>
62) [83054] PSK: PSK-80 Group Building Project
by wd9eyb@butler.qrp.com
63) [83055] PSK:Warbler Reistent to QRM
by Bill Jones <kd7s@psnw.com>
64) [83056] Re: Parts
by Arjen Raateland <Arjen.Raateland@vyh.fi>
65) [83057] PSK: WVARA Meeting Tonight
by wd9eyb@butler.qrp.com
66) [83058] Epiphyte-3 T2 - #26g vs. 24g wire - Difference Important?
by "Jim Dolson" <jdolson@iserv.net>
67) [83059] Titanic Trivia

by hattonte@gdls.com
68) [83060] fox - no split
by hamjoel@juno.com
69) [83061] MFJ rcvr?
by Thomas J Whalen <wb5qyt1@juno.com>
70) [83062] Re: ZM-2 problem
by "Arthur G. Silvers" <ags@ieee.org>
71) [83063] Re: Epiphyte-3 T2 - #26g vs. 24g wire - Difference Important?
by "Mike WA8BXN" <hubby2k@hotmail.com>
72) [83064] Re: ZM-2 problem
by Phil Wheeler <w7ox@earthlink.net>
73) [83065] RE:PSK31 BIG Bang for your buck
by "Dave Benson" <nn1g@earthlink.net>
74) [83066] Fox - No RIT? No excuse--Build one! :-)
by David Ek <ekdave@earthlink.net>
75) [83067] Homebrew Receiver
by "Tom Dufresne" <tdufres@hotmail.com>
76) [83068] Re: Homebrew Receiver
by "George, W5YR" <w5yr@att.net>
77) [83069] a new breadboarding technique
by Jeff Stai WK6I <jstai@home.com>
78) [83070] Reminder of SS Tomorrow
by Chuck Adams <k7qo@primenet.com>
79) [83071] Re: [Elecraft] a new breadboarding technique
by Phil Wheeler <w7ox@earthlink.net>
80) [83072] FOX: How to get a pelt, and how NOT to (long)
by "Marshall Emm" <mgemmm@mtechnologies.com>
81) [83073] Instruments to measure QRP RF power. (long)
by Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
82) [83074] Power Supply Question
by jcasey@notes.cc.sunysb.edu
83) [83075] Re: Reminder of SS Tomorrow
by "K7FD" <cqdx@teleport.com>
84) [83076] Re: Power Supply Question
by "Mike Yetsko" <myetsko@insydesw.com>
85) [83077] Re: FOX: How to get a pelt, and how NOT to (long)
by "George, W5YR" <w5yr@att.net>
86) [83078] Soon--K0EVZ FOX log
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
87) [83079] November Bacon Bits
by Shephed@aol.com
88) [83080] Index Labs QRP+
by John Arnold <arnoldas@pacbell.net>
89) [83081] RE: Reminder of SS Tomorrow
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
90) [83082] Appalachian Trail Alert 11/04/00
by "Ron Polityka" <wb3aal@fast.net>
91) [83083] Linux CW Programs??

- by schoon@amgt.com
- 92) [83084] RE: November QST and QRP
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
 - 93) [83085] Re: November QST and QRP
by Phil Wheeler <w7ox@earthlink.net>
 - 94) [83086] K0EVZ FOX Log 11/3/2000
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
 - 95) [83087] CONTEST - QRP Bulls & ARRL-SS
by n5ib@juno.com
 - 96) [83088] Running of the Bull spots
by Jim NOUR <n0ur@yahoo.com>
 - 97) [83089] Circuit Board Specialists
by "Tom Dufresne" <tdufres@hotmail.com>
 - 98) [83090] Re: Circuit Board Specialists
by "Trevor Jacobs" <fxtech@earthlink.net>
 - 99) [83091] Norcal 10m rig?
by Thomas J Whalen <wb5qyt1@juno.com>
 - 100) [83092] 38s info
by Thomas J Whalen <wb5qyt1@juno.com>
 - 101) [83093] [re]K0EVZ FOX log 11/3/2000
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
 - 102) [83094] Yaesu 1000MP or Kenwood 870?
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
 - 103) [83095] Re: FOX Re: Calling the Fox on his freq
by "Karl F. Larsen" <k5di@zianet.com>
 - 104) [83096] Parts supplier
by Bill Walker <windal@azstarnet.com>

Date: Thu, 2 Nov 2000 19:24:43 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: kd7s@psnw.com
Cc: qrp-l@lehigh.edu
Subject: [82993] Re: PSK:Align your Warbler without W1AW
Message-ID: <200011030000.TAA04839@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> 11. Adjust trimmer C3 on the Warbler board until the signal is
> directly under 3581 on the DigiPan display. Your Warbler will now be
> calibrated to the accuracy of the frequency display on the big rig.
>

One thing to keep in mind is most (if not all) commercial rigs
transmit thier CW signal 800 Hz lower than the frequency shown on the
dial. Not sure why they do this, but it's true of the two commercial
rigs I own, an old FT301 and the T-T Scout.

The main thing is to adjust the BFO trimmer so you have good opposite sideband suppression and the heck with the absolute frequency calibration. If C3 is set too low in frequency, the carrier might fall into the passband of the filter and you will get some of the opposite sideband passing through. This will look like ripple on the output signal, if you look at it with a scope.

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Thu, 2 Nov 2000 19:34:33 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [82994] 10 Meters
Message-ID: <00d601c0452e\$056e49e0\$3a125cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

I just had another enjoyable 20 minute QSO with Mike, KD7BOD, on 10 meters. He was running 5 watts and I was using 950 mW.

Boy this band is great when it is open!!

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	ARRL Life Member
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625

ARS # 380 HI QRP #153
VA QRP Society #45 MI QRP #1703
K2 sn1392 NJ QRP #179

Date: Thu, 2 Nov 2000 19:43:31 -0500
From: "Joe Malloy" <jmalloy@hamilton.edu>
To: <qrq-l@Lehigh.EDU>
Subject: [82995] Re: [82927] FOX-FDA on notice!
Message-ID: <000b01c0452f516d06730\$ac47eed8@mozart>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ken, I heard John pretty clearly starting about 9:00 pm but there were scads of hounds after him and I didn't think I'd have a chance. Well, around 10:00 pm I decided, what the heck, tuned up from frequency to a spot where I figured there were few hounds and sent my call. Bagged him! With luck like that, there's no stopping me!

Joe, W2RBA

included message

Subject: [82927] FOX-FDA on notice!
Message-ID: <3A0169CA.A6389F45@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Got on at the beginning of the hunt, and John seemed to be pretty readable, but the hound pack was large. Thought I'd just give a listen, figure out his pattern of evasion, and take some shots as the pack thins. Wrong idea--conditions here seemed to deteriorate as the hunt went on, but I sure got a kick hearing some familiar calls from this list!

Date: Thu, 2 Nov 2000 17:50:04 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-canada@lists.gpfn.sk.ca, qrp-l@lehigh.edu
Subject: [82996] Zombie scoring

Message-ID: <Pine.SUN.4.10.10011021731230.9130-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

We have received a few emails questioning the scoring sheet/criteria.

#1 WHERE CAN I FIND THE OFFICIAL SCORE SHEET?

at <http://members.nbc.com/NOQT/zombie.htm>

If for some reason you have email but no web access, email me and I will send you the ASCII version of the score sheet and rules.

#2 BONUS POINTS.

Bonus points are pretty self-explanatory, except perhaps for #4 ...
666 Points if you thought the bands were cruddy.

This is a "give away" bonus for which all Zombies may claim. While the bands did support plenty of QSO's by many, I think most universally agree that the bands (notably 40M) were truly cruddy on Zombie night. Therefore, ALL PARTICIPANTS in the Zombie Shuffle may claim the 666 point cruddy bands thing. For those already submitting logs and claimed no bonus there, Jan will add it in for you.

#3 HOW DID THE "ELVIS" STATIONS IDENTIFY THEMSELVES?

The exchange was RST, SPC, Name and Zombie/Area Code number.

Those stations asked to be Elvii sent the name "Elvis" as their name in the exchange (in lieu of their real name). There were 13 Elvii stations, and apparently a couple worked all 13 of them. Good job!

We have already received a handful of logs via snail mail. You might be interested to know that in order to retrieve yesterday's mail, I had to go to the counter and explain to the Post Master that the envelopes addressed to "Zombie Shuffle" or "Zombie Coroner" were not an illegal activity and did not violate any postal regulations. I even opened one of the envelopes to show him (he did not ask; I volunteered). Kinda funny. Some of you have fixed up your envelopes with some rather interesting artwork (skulls, tetragrams, upside-down crosses, annotated gravestone markers, etc.) that has certainly aroused their curiosity! All has been cleared, so scribble away on your snail mail entries. The best entertainment our local postal clerks have had in a long time :-)

72, Paul NA5N
Zombie #004

Date: Thu, 2 Nov 2000 19:33:25 -0500
From: wb8icn1@juno.com
To: andrew@utahdesign.com
Cc: qrp-L@lehigh.EDU, fpqrp-1@mpna.com
Subject: [82997] Re: [fpqrp] First TT2 QSO!
Message-ID: <20001102.194629.-481815.0.wb8icn1@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Just got back from a road trip Andrew. Surperb job with the TT2. I still haven't built mine..but may get to it since reading your post and getting me all excited!

Dah-Dit-Dah,
72's/73's es oo's, Mike...WB8ICN
K2 S/N 383, FISTS #7065, QRP ARCI #9982, MI QRP #1442, FPQRP #68
QCWA Chapter 10, Michigan - Net meets on Sundays, 3903 MHz at 0800 EST
web page - <http://www.qsl.net/wb8icn> - e-mail - wb8icn1@juno.com

On Sun, 29 Oct 2000 20:32:46 -0700 Andrew Madsen <andrew@utahdesign.com> writes:

> I just finished my first QSO with my Tuna Tin 2. I've had the rig
> for
> months now, just didn't get around to hooking it up until tonight.
> I
> called CQ and on about the third CQ got an answer from Jeff, AB6MB
> in
> Antioch, CA. After the initial exchanges, packet came on frequency
> and
> wiped our QSO out. My RST was a 449. I gave him a 559. Receiver
> was
> my Elecraft K2 #1637. Antenna was my 40 meter dipole up about 15
> feet.
>
> --
> 73,
> Andrew Madsen AC7CF
> ac7cf@qsl.net
> <http://www.qsl.net/ac7cf>
> AOL IM: ac7cf
> FISTS nr. 7439 | QRP-L nr. 2180
> FPQRP#-71 | A.R.S nr. 738
> SOC #376 | UARC | ARRL

> Norcal | NOGAQRP | NJQRP
>
>
> -To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe
> fpqrp-l -

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 2 Nov 2000 20:24:43 EST
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [82998] GOOD DAY IN NH
Message-ID: <75.b95786e.27336ddb@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

My QRP Quaterly arrived....enough said.
Aron
N10DL/qrp
Bedford, NH

Date: Thu, 2 Nov 2000 19:27:02 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <n4qa@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [82999] RE:PSK31 BIG Bang for your buck
Message-ID: <008d01c04535\$313c6a00\$0400a8c0@bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bill, you know what they say about certain drugs that are supposedly so
addictive that one use is all it takes?

That's PSK31. If you don't want to get hooked, run away from it! Quickly!

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
SOC #198, FPQRP # -104

May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: "William Mabry" <n4qa@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, November 02, 2000 10:55 AM
Subject: RE:PSK31 BIG Bang for your buck

> Hi, y'all.
> The man's post clearly states that he is talking about RECEIVING ONLY PSK
on
> a CW rig and that a slop bucket rig, or similar, is required for xmitting
> PSK.
> Hmmm... think I'll give this a try, myself.
> Y'all are gonna get me hooked on PSK31, yet.
> I've been trying so hard to resist...
> 73-1,
> Bill, N4QA
> ps
> see ya on 3561, eh, more or less, tonight... my xtal may be a little
off...
>
>
>

Date: Thu, 2 Nov 2000 20:36:55 EST
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [83000] FPfox- Snagged him first time
Message-ID: <a2.b873c12.273370b7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Got Diz right at 0200 tonight. Felt good to be able to get him first for a
change. You sounded great DIZ here in NH. weak but good.....
Aron
N10DL/qrp
Bedford.

Date: Thu, 02 Nov 2000 17:41:26 -0800
From: Bill Jones <kd7s@psnw.com>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83001] Re: PSK:Align your Warbler without W1AW
Message-ID: <3A0217C6.77028327@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve,

Is that the case or is it possible they all receive 800 Hz above the frequency shown on the dial?

Steven Weber wrote:

> One thing to keep in mind is most (if not all) commercial rigs
> transmit thier CW signal 800 Hz lower than the frequency shown on the
> dial.

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s/>

Date: Thu, 2 Nov 2000 19:59:23 -0600
From: "Dan W. Doooley" <dandooley@pipeline.com>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [83002] A Quick Comment on QSLs
Message-ID: <00dd01c04539\$b44d6f80\$0400a8c0@bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is no reply to anyone's comments - pro or con - on the QSL card issue.
Just my own.

If some day in the future, eQSLs become wide spread in use, and accepted by all awards organizations, and certain other technical issues are answered, then I'll be very, very happy to go that way with my QSLing.

In the meantime, I will use those I created and print out. They are my unique design and do not look like the ones bought commercially. I'm proud

Likewise, I will continue to send out cards for states, grids, countries, or whatever I need. Some will be sent with SASEs. Some will not. Some through DX bureaus. Some direct. Whatever ones I get back, I will be grateful for.

No one's opinion but my own, folks. Ok, it was more than just a quick comment. Sorry.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandoooley@pipeline.com
SOC #198, FPQRP # -104
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

Date: Thu, 2 Nov 2000 21:05:45 EST
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [83003] Heathkit Website address ?
Message-ID: <20001102.210552.7311.0.kc8aon@juno.com>

Anyone on the list have the Heathkit web address ? A local ham is having trouble finding it. Please reply off the list.

[illegible]

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 2 Nov 2000 21:10:21 -0500
From: "Kenneth Wilson" <kg4big@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83004] Fox
Message-ID: <026301c0453b\$3a4596c0\$4a2a56d1@oemcomputer>

Doc,

BIG signal in KY tonite.

Ken KG4BIG

Date: Thu, 2 Nov 2000 21:45:18 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-1@lehigh.edu>
Subject: [83005] Warbler "Kit Notes" page - lotsa updates!
Message-ID: <024801c04540\$1bc9b000\$0100000a@gheron>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

We put a whole bunch of useful updates on the NJQRP web page for the PSK-80 Warbler "Kit Notes". You can see them at
<http://www.njqrp.org/warbler/kitnotes.html>

Hope all the PSKers find them useful. And thanks to all those contributing PSK-80 ideas, tips and operating activities. With the coming winter months, and with the growing number of Warblers coming online, 80 meters is soon going to be *the* place to be!

73, George N2APB
n2apb@amsat.org
for the NJQRP Club at <http://www.njqrp.org>

Date: Thu, 02 Nov 2000 21:46:26 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [83006] Calling the Fox on his freq

Message-ID: <3A022702.93D313D8@tampabay.rr.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Folks...calling the fox on his frequency is not going to get you in the log early in the hunt. It's now 0243z and there are at least a half dozen stations calling Doc on his transmit frequency. He has not worked the first hound there...so why do you insist on calling there?

The QRM is keeping the hounds that ARE being worked from getting the confirmation and slowing down the rate!

Paul K4FB

Date: Thu, 2 Nov 2000 19:52:15 -0700 (MST)

From: "Karl F. Larsen" <k5di@zianet.com>

To: QRP-L List <qrp-l@lehigh.edu>

Subject: [83007] FOX O' Nuts!

Message-ID: <Pine.LNX.4.10.10011021947180.1753-1000000@cannac.ampr.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

The QRN is 20 over s9, the Darn Canadian Radar is 40 over and even louder. The Fox is at best 219 on QSB peaks. That's on the best antenna. There is still a huge pileup and Doc is working the East Coast. But very slowly...

If your in Texas or NM or CA do what I'm doing. I will join my wife and read a good book. Will come back out to check things at 15 minutes to the end.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 2 Nov 2000 19:59:08 -0700

From: "David Ek" <ekdave@earthlink.net>

To: "QRP-L" <qrp-l@lehigh.edu>

Subject: [83008] Fox - Got him! and a few comments
Message-ID: <000501c04542\$0b3bcb40\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang -

Doc's doing a bang-up job tonight, especially considering that the pack is pretty unruly. You gotta listen if you want a pelt, folks.

Doc's been (at least for the first hour) working hounds within 300 Hz or so either side of 7043.2 kHz, but I hear a number of stations persisting in calling below him (or on him) instead of above. Number one rule of fox hunting: don't call him on his frequency! Rule number 2: call him where (and when) he's listening. Rule number 3: You gotta listen to the hunt to figure out where he's listening.

And then there was the person sending "FID FID" to someone tuning up near Doc...

Yikes!

73,

Dave

Date: Thu, 2 Nov 2000 21:02:41 -0500
From: "Mike Duke" <k5xu@concentric.net>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [83009] SanGean 505 Question
Message-ID: <000a01c0453a\$46895940\$2b320140@k5xu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Recently, I traded for this little SW receiver intending to use it as a bedside receiver for 80 and 40 ssb listening on those occasions when the sand man misses the turn into my castle.

Did I get a defective unit, or is this radio really as sensitive as a door stop?

It's definitely not a weak signal grabber, but, I really expected more than what I'm hearing.

Mike Duke, K5XU

Fight Spam now!
Get your free anti-Spam service at <http://www.brightmail.com>

Date: Thu, 2 Nov 2000 22:05:25 -0500
From: "Charles Mabbott" <crmabbott@mediaone.net>
To: "QRP-Post \ (E-mail\)" <qrp-1@Lehigh.EDU>
Cc: "Dennis Campbell \ (E-mail\)" <drczj@mediaone.net>
Subject: [83010] FW: ic chip
Message-ID: <000701c04542\$e9edae80\$0201a8c0@mw.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: denis campbell [mailto:drczj@mediaone.net]
Sent: Thursday, November 02, 2000 10:59 PM
To: Charles Mabbott
Subject: ic chip

I am trying to find information for this fellow, and this list has always been a great resource!

"IM TRYING TO FIND A CHIP MADE BY A BRITISH CO. PLESSEY (NOW OWNED BY GEC).
PART # SL6270C. THIS IS A VOGAD CHIP USED FOR AUDIO APPLICATIONS. ANY HELP
OR INFO
WOULD BE GREATLY APPRECIATED. MNI TNX. FM VE3PTC BOB. PS, IM USING
W8IDO.E.M."

Thanks in advance and reply direct to me
instead of cluttering up list. Thanks in advance
73
Chuck AA8VS

Date: Thu, 2 Nov 2000 19:06:25 -0800
From: "Andreas Junge" <andreas@opengrid.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [83011] RE: Calling the Fox on his freq
Message-ID: <NDBBKLBBLCGOKEGAAMIAECADMAA.andreas@opengrid.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just worked him UP 1.3 Khz ...

Andreas, N6NU
Menlo Park, CA (CM87VK)

Date: Thu, 2 Nov 2000 22:18:29 -0500
From: "Randy Joiner" <biggman@accucomm.net>
To: <qrp-1@Lehigh.EDU>
Subject: [83012] Parts
Message-ID: <000b01c04544\$be9c9780\$0dec443f@accucomm.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone know of a source for CA3020's. The Epiphyte, recently kitted by NORCAL uses one and I would like to have a couple of spares. Doug says he don't know of a source, and I haven't heard back from Derry yet, but I suspect he may say the same. So gang.....can anyone help?

72

Randy N4SX

Date: Thu, 2 Nov 2000 19:23:20 -0800
From: "Steve McDonald" <jsm@gulfislands.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83013] Tuna Tin II QSO?
Message-ID: <00d701c04545\$7b0d40e0\$3712f4cc@jms>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I'm looking for early morning QSO's or skeds (Saturday a.m.) around your sunrise, with the following states to help complete my Tuna Tin II W.A.S.

I will be on at 1100Z UTC Saturday morning with NU4Y on 7040.0

If you can get on or can make a firm sked, please let me know...I would love to try and work you...especially if you are in New England!!

Still need:

AL CT DE GA IN ME MD MS NE NH RI VT WY

73 - Steve / VE7SL 2N2222 @ 400mW / half-sloper / 7040.0

Date: Thu, 2 Nov 2000 22:30:25 -0500
From: n4qa@juno.com
To: qrp-l@Lehigh.EDU
Subject: [83014] N1EI had best qrp sig on net tonight
Message-ID: <20001102.223029.-88969.0.n4qa@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Well, WQ1RP couldn't hear me tonight... The 1781 kHz xtal in my Meissner Signal Shifter is apparently marked correctly 'cause it sounded like I was about 1 kHz high (3562 kHz) on the Lafayette HA-350 rcvr... (The MSS doubles the osc freq in the final stage). I was running 2 watts out. I had just worked a feller down in Georgia prior to the net... he was running an ART-13 !

Anyway, I could hear all them Northerners giving each other 599+20 reports but they were only s3 at best (N1EI) down heah in Virginia (GO, HOKIES ! ... 8 and 0 and headed for Miami on Saturday !). Got some work to do on my QRP tuner for 80m... you know, 80 is soundin' real good these days... very little (and extremely weak) ssb and other noise in the cw subband...gotta love that! Heard that nervous (PSK31) stuff a little ways up the band.

DAG! These pop-up commercials on Juno... can't even get a note written without being accosted by several of them ! But, they're "free"!

73-1,
Bill, N4QA

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Thu, 2 Nov 2000 22:42:13 -0500

From: n4qa@juno.com

To: qrp-l@Lehigh.EDU

Subject: [83015] Re: PSK: Was that an announcement of a new kit??

Message-ID: <20001102.224214.-88969.1.n4qa@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Great catch, Doug... Dave blew that one right by me!

What about it, Dave... PSK-40 ? Hmmm?

What are you people trying to DO to me? :)

73-1,

Bill, N4QA

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Thu, 2 Nov 2000 21:47:48 -0600

From: "George F. Pierce" <pierce@rice.edu>

To: QRP-L@lehigh.edu

Subject: [83016] FS

Message-ID: <v04210106b627e3158804@[128.42.176.127]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii" ; format="flowed"

My K1 is almost finished. My Yeasu 819 is due in about a week. So my OHR 400 is the odd man out and is FOR SALE. Great performance with the bonus of a DK1 digital dial/keyer built into the original analog dial. \$250 shipped in continental US.

George F. Pierce III

W5GFP

Email: pierce@rice.edu

Date: Thu, 2 Nov 2000 23:22:37 -0500

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [83017] Whew!!--de K0EVZ Da FOX
Message-ID: <200011022322_MC2-B971-8B12@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

Wow, the hunt just ended, and my ears will probably ring forever :-). Wh=at
a huge crowd of hunters. The din (den?!!) was relentless from the first minute to past the ending time. =

Looks like the total will be 90 pelts. Sure had hoped for over 100, but the hunt was so crazy that it was not to be tonight. But next time....

Will post my log as quickly as possible, but it will be tomorrow afternoo= n,
most likely. Wish I could get it out quicker, but have to go to *WORK* tomorrow [gg].

Thanks, one and all.

72/73,
--W.D. (Doc) Lindsey
DSBF
PO Box 6028
Bismarck, ND 58506
(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)
E-Mail =3D K0EVZ@arrl.net

Date: Thu, 2 Nov 2000 23:31:33 -0500 (EST)
From: Russ Dow <n7dw@prodigy.net>
To: kd7s@psnw.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83018] Re: PSK:Align your Warbler without W1AW
Message-ID: <384961430.973225894323.JavaMail.root@web124-wra.mail.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi gang,

My Yaesu FT-900 defaults to having the Tx freq 700 Hz below the displayed freq. However, there is a menu option to display the actual carrier freq instead. I strongly prefer knowing where my carrier is, so I use that option. Other rigs with menus may also allow you to choose. Hope this helps...

73,
Russ N7DW
Anaheim CA

-----Original Message-----

From: Bill Jones <kd7s@psnw.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: November 3, 2000 1:41:26 AM GMT
Subject: Re: PSK:Align your Warbler without W1AW

Steve,

Is that the case or is it possible they all receive 800 Hz above the frequency shown on the dial?

Steven Weber wrote:

> One thing to keep in mind is most (if not all) commercial rigs
> transmit thier CW signal 800 Hz lower than the frequency shown on the
> dial.

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s/>

Date: Thu, 02 Nov 2000 21:11:41 -0800
From: Jim Boyle - K7JMB <K7JMB@QWEST.NET>
To: qrp-l@Lehigh.EDU
Subject: [83019] RE: Anyone else hearing the SSB on 7.041 MHz???
Message-ID: <3A02490D.128F7732@QWEST.NET>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Also heard here in central OR at 0330z

Date: Thu, 02 Nov 2000 23:38:58 -0600
From: Dave Sjolin <sjolin@swbell.net>
To: Qrp-l Reflector <qrp-l@Lehigh.EDU>, john@neknetwork.com
Subject: [83020] Final Log: CUB FOX HUNT #3 10/31/00
Message-ID: <3A024F72.2D086968@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Attached is corrected log for Cub Fox Hunt #3. Total of 46 contacts including one dupe.

Thanks to all for a fun night.

73 de Dave, N0IT

CUB FOX HUNT #3 10/31/00

UTC	CALL	HIS RST	MY RST	STATE	NAME	POWER
02:00	AF4PS	559	559	FL	MAC	4W
02:03	W5YR	579	559	TX	GEO	5W
02:04	K0EVZ	559	569	ND	DOC	500MW
0208	K5DI	569	549	NM	KARL	5W
02:10	N8VAR	559	449	OH	RON	5W
02:12	KI0II	559	579	CO	RON	5W
02:13	W8MYO	559	589	OH	HARRY	5W
02:15	KC1FB	569	559	CT	JIM	5W
02:17	WA9YDJ	569	559	IL	VANCE	5W
02:18	N4ROA	599	599	VA	DAN	4W
02:19	W9WIS	559	599	WI	MIKE	4W
02:21	W2XN	449	559	FL	FRED	5W
02:25	W0CH	559	579	MO	DAVE	500MW
02:26	NW7DX	559	559	WA	BEN	4W
02:29	KE4VPN	579	559	NC	RON	5W

02:31	N4MAP	559	559	GA	SAM	5W	
02:33	WA5KKY	559	539	TX	WALT	5W	
02:35	K5DW 579	559		TX	DON	5W	
02:38	AA3UR	559	579	PA	DAVE	2W	
02:43	KC0GXX	559	579	NE	TOM	3W	
02:47	NF0R 579	599	MO	DAVE	1W		
02:49	KB5MHS	559	559	TX	DAVE	5W	
02:51	WA7SPY	449	339	CA	GLENN		5W
02:56	KK5LD	559	559	TX	DAN	5W	
02:57	N6NU 559	529	CA	ANDY	5W		
03:00	N1RZ 559	519	NH	TIM	5W		
03:02	N2CQ 559	559	NJ	KEN	5W		
03:05	N5GLQ	559	579	LA	MIKE	5W	
03:07	N5IB 559	559	LA	JIM	5W		
03:10	KB1ENS	559	519	VT	JOHN	5W	
03:13	W5YW 449	559	LA	MIKE	1W		
03:15	WA7SPY	569	559	CA	GLENN		5W
03:17	AA7EQ	579	559	AZ	BOB	5W	
03:22	K4FB 579	569	FL	PAUL	5W		
03:24	N5FC 559	559	TX	MONTY		5W	
03:25	W8RU 579	599	MI	RON	5W		
03:27	KC0DJQ	599	589	MN	DICK	5W	
03:29	K7LRO	559	559	AZ	GERRY		5W
03:31	N4EUK	559	559	VA	STEVE		5W
03:34	W9UQB	559	449	AZ	MIKE	5W	
03:40	KG4FGC	559	559	NC	KEN	5W	
03:45	W0RW 559	569	CO	PAUL	5W		
03:47	W7AQK	559	559	AZ	DAVE	5W	
03:49	K5DKH	559	559	AR	WILLIE		5W
03:53	WB8WTU	559	559	OH	DENNIS		5W
03:59	AD6JY	449	449	CA	DAN	4W	

Date: Thu, 2 Nov 2000 12:54:05 +0100
 From: "Juan Jose Pastor Estornell" <juanjope@ctv.es>
 To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
 Subject: [83021] RE: 10 Meters
 Message-ID: <000201c0455e\$5f562f60\$3b8619d4@fer>
 MIME-Version: 1.0
 Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

>Hello Everyone,

Hello again.

>
> Give a CQ on 10 meters from time to time.
>

I do so almost everyday around 16:00 UTC looking for grey line DX (id est, non european) contacts. I have built a system that keeps on calling CQ till someone answers my call. The bad thing is the EC novice allocation in Spain: I cannot transmit under 28.100 so I sit on 28.108 with no takers while I can hear lots of activity under 28.060. Go work the EC DX fox!.

>I called CQ around 00:30 UTC and Greg, AK7Y,
>from Arizona came back to me. He was running
>1 watt and I was running 950 mW.

>
> We had a very enjoyable QSO for 15 minutes.
>
>The band is open!
>

It is indeed, I can work lots of fellow europeans almost everytime, but it is getting harder to get any DX (out of Europe) in 28.108...

>72 & 73
>Good DXing
>
>Ron Polityka
>de WB3AAL
>wb3aal@fast.net
>

73, 72 de Juanjo, EC5ACA/QRP. EA-QRP #104, G-QRP #9742, QRP-L #1662.

Juanjo Pastor
C/San Roque, 4-1
46460 Silla
Valencia
ESPA A

Tel. +34 96 120 17 67
e-mail: ec5aca@qsl.net
QURPE: ec5aca@ctv.es

Date: Tue, 25 Aug 1998 10:55:20 +0100
From: "Ken UK" <setiuk@talk21.com>
To: <biggman@accucomm.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83022] Re: Parts
Message-ID: <00a601bdd00f\$370986e0\$342e78d5@KenUK>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Randy, all,

You can obtain these chips via, 'J.A.B. Electronic components', at, P.O. Box 5774, GREAT BARR, BIRMINGHAM, B44 8PJ, UNITED KINGDOM.
email, peter@jab.demon.co.uk

Hope this helps, cheers, Ken, G4KIR.

-----Original Message-----

From: Randy Joiner <biggman@accucomm.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Friday, November 03, 2000 4:17 AM
Subject: Parts

>Anyone know of a source for CA3020's. The Epiphyte, recently kitted by
>NORCAL uses one and I would like to have a couple of spares. Doug says he
>don't know of a source, and I haven't heard back from Derry yet, but I
>suspect he may say the same. So gang.....can anyone help?

>

>72

>

>Randy N4SX

>

>

Date: Fri, 3 Nov 2000 05:01:57 -0500
From: John AE5X <ae5x@juno.com>
To: n4qa@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [83023] Juno users

Message-ID: <20001103.050158.6758.3.ae5x@juno.com>

Juno users,

If you're using your W95/98/ME:
START | FIND | FILES or FOLDERS

Type in "ads". All those irritating Juno ads are stored here. Select em all and delete them.

Repeat as necesarry.

I made a shortcut to the ads folder and put it on the Desktop to eliminate the above 3 steps.

John Harper AE5X
HW-9, OHR-100A/20, NC40A, SST30, SST40, DSW20
Outdoor QRP: <http://www.qsl.net/ae5x>

On Thu, 2 Nov 2000 22:30:25 -0500 n4qa@juno.com writes:

>DAG! These pop-up commercials on Juno... can't even get a note written
>without being accosted by several of them ! But, they're "free"!

Date: Fri, 3 Nov 2000 06:08:23 -0500
From: Peter_Simpson@ne.3com.com
To: qrp-l@lehigh.edu
Subject: [83024] All RG58 has been shipped!
Message-ID: <8525698C.003DF929.00@usboxmta.ne.3com.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

If you were a participant in my RG58 giveaway,
you should receive your coax by Monday.
(I'm mailing the last one out today)

I only had to send one check back. Thanks
to all for finding good homes for the stuff,
I can go to sleep at night now, knowing that
there are QRP antennas all over the US (and one
in Canada, hi Bruce!) using my recycled cable.

If you don't get your coax or your check back by
sometime next week, email me. Either the USPS
messed up, or I did.

72,
Peter, KA1AXY

Date: Fri, 03 Nov 2000 03:36:07 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: k5xu@concentric.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83025] Re: SanGean 505 Question
Message-ID: <3A02A327.1B5C3955@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike Duke wrote:

>
> Recently, I traded for this little SW receiver intending to use it as a
> bedside receiver for 80 and 40 ssb listening on those occasions when the
> sand man misses the turn into my castle.
>
> Did I get a defective unit, or is this radio really as sensitive as a door
> stop?
>

Maybe .. either way! And, of course, some door stops are better than
others, too :-;

Check the radio reviews at

http://www.rnw.nl/realradio/rx_index.html

Phil

Date: Fri, 03 Nov 2000 06:06:27 -0600
From: "Brian L. Lewis" <bl@csi.com>
To: qrp-l@lehigh.edu
Subject: [83026] ZM-2 problem

Message-ID: <3A02AA42.7F0E06ED@csi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have assembled the kit and have a few problems/questions. When I connect a coax to the unbalanced PL259 and the other to the rig and tune according to the instructions I get this scenario-- In tune position- Audio peak is relatively easy to find. When transmitting, the light never goes completely out, but dims, when adjusting tuner. SWR shown on rig is near flat, no matter what the adjustment is on tuner.

When I tune for dimmest LED setting and flip to operate, SWR shown on rig jumps to 3:1.

Testing setup is Kenwood 850 set to 5 watts, 80 meter dipole, no balun, rig set on 7040. I have looked over diagram several times and believe I have the tuner wired correctly.

I have emailed EMTECH, but he is out of town for 10 days. I have run his trouble shooting guide and all seems ok.

Any suggestions?

Thanks. Brian Lewis

K5RV
QRP-L 324

--
Brian Lewis
Goodall and Brian Lewis Studio
www.brianlewis.com
www.equine-images.com

Date: Fri, 3 Nov 2000 07:11:59 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [83027] J-Track Satellite Tracking
Message-ID: <000b01c0458f\$4645e700\$1f0a5cd1@wb3aal>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Do you want to track the Space Station Alpha?

Check this tracking site out!

<http://liftoff.msfc.nasa.gov/RealTime/JTrack/>

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	ARRL Life Member
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI QRP #153
VA QRP Society #45	MI QRP #1703
K2 sn1392	NJ QRP #179

Date: Fri, 3 Nov 2000 06:45:36 -0600
From: "John Burnley" <burnleyia@home.com>
To: <IaQRP-L@divis17.ped-gen.uiowa.edu>
Cc: <qrp-l@lehigh.edu>
Subject: [83028] Club: Iowa QRP at Davenport hamfest this Sunday
Message-ID: <002101c04593\$f6a82e60\$1b790818@c149552-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Iowa QRP Club will have display tables at the
Davenport (Mt. Joy) hamfest this Sunday
November 5, 2000. Here are directions to the hamfest:

>From Interstate 80

The exit to look for is Hwy 61 North, the town is Mt Joy, Iowa. Just North of Davenport about 10 feet. Most people refer to the airport there as the Davenport airport, which is in Mt. Joy. After you exit on to Hwy 61 North, the exit for the airport is clearly marked, it's only about 1/2 mile after you exit I-80, it will be on your right. Just follow that road about 1 mile to the stop sign, the turn you want is just before the stop sign, turn right. The hamfest site is now 1/2 mile in front of you on the left. Just look for the big Hughy helicopter on the pole.

More information may be found at:

<http://gw1td.com/hamfest/>

Please bring your projects and goodies for the display table. IA QRP member Walt Holling will also be demonstrating PSK-31.

The club will also be giving away a NoGa Pig donated by the Northern Georgia QRP Club (NoGA). The PIG is a power indicator guard to help you from smoking your projects. More information may be found at the NoGa website at:

<http://www.qsl.net/nogaqrp/>

The club will also be giving away a TiCK-4 keyer kit plus enclosure donated by Gary Diana N2JGU of Embedded Research. The TiCK 4 features Iambic Modes (A & B), speed adjust, tune, sidetone, paddle selection, manual key mode, beacon mode, non-volatile parameter storage and two 50 character memories. More info on the TiCK keyer (and other products) may be found at:

<http://www.frontiernet.net/~embres/>

Our thanks to Pickett AD4S and the NoGa QRP Club as well as Gary N2JGU and Embedded Research for their help with our display efforts.

The doors open at 8:00 am and I hope to see you there!

72, John NU0V

Date: Fri, 3 Nov 2000 07:02:54 -0800
From: "Dave Benson" <nn1g@earthlink.net>
To: "Doug Hendricks" <ki6ds@dph.dpol.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83029] Re: Was that an announcement of a new kit??
Message-ID: <000601c045ad\$c733e6a0\$2420fc9e@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Doug Hendricks wrote:

>Dave, what is the PSK40?? Can you tell us more, what does it cost? Is it
>like the PSK80 or the PSK20?? Is it available now??? I saw the mention of
>it in your posting, and I wanna know, grin. 72, Doug
>

The PSK-40 is derived from the PSK-20 currently on my website- it's the larger board. In what has to be an incredible piece of good luck , there are standard crystal frequencies which work out for operation on 40M.

I've had one on the air for the last several weeks, and the manual's ready to go and all small parts are here. As soon as more boards arrive, I'll add the PSK-40 to my website information. I am currently accepting orders for it- same price as the PSK-20.

Thanks for the commercial bandwidth-

73, Dave- NN1G

Date: Fri, 3 Nov 2000 08:02:20 -0500 (EST)
From: William Mabry <n4qa@juno.com>
To: qrp-l@lehigh.edu
Subject: [83030] RE:RE: 10 Meters
Message-ID: <381047592.973256540518.JavaMail.root@web425-wra>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

28.108 MHz... OK Juanjo ! I will look for you there. I may be working weekends for most of the rest of this year but I'll try !

1600 UTC is 1100 EST so non-working weekends is my best chance to work you.
Thanks for the info and 73-1.
Bill, N4QA

Date: Fri, 3 Nov 2000 08:04:36 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [83031] FOX - zoom zoom
Message-ID: <20001103.080718.-312667.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

high y'all

boy that fox was fast... above my comprehension he was... but I heard him... just couldn't figure out where he was listening... tried calling 1 khz above and one below with no success...

It's not nice to fool Cajun Thunder! we is down to 50 ... 50
2 foxes hit and 2 missed... gonna go see my cajun mama for some shooting lessons...

kella joel
in maine

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 03 Nov 2000 06:05:14 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: pwomble1@tampabay.rr.com
Cc: qrp-l@lehigh.edu
Subject: [83032] Re: Calling the Fox on his freq
Message-ID: <200011031307.GAA05418@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:46 PM 11/2/2000 -0500, you wrote:

>Folks...calling the fox on his frequency is not going to get you in the
>log early in the hunt. It's now 0243z and there are at least a half

>dozen stations calling Doc on his transmit frequency. He has not worked
>the first hound there...so why do you insist on calling there?
>
>The QRM is keeping the hounds that ARE being worked from getting the
>confirmation and slowing down the rate!
>

Somehow, I don't think those folks are on the list, but found out about the
hunt and decided to join in. Or are just incredibly dense!

Bob Hightower NK7M
Chandler, AZ
SOC #20
K2 #157/255

<http://www.extremezone.com/~nk7m>

Date: Fri, 3 Nov 2000 08:11:04 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [83033] Radio Dial Calibration
Message-ID: <20001103.081146.-77841.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Zero Beat vs Offset

- 1) When W1AW transmits code practice on 3581.5 kHz
then 3581.5 kHz is the carrier.
- 2) If I set my receiver tuning dial to 3581.5 kHz and offset to 567Hz
then
I hear a tone of 567 Hz in my ear.
- 3) If I now set my receiver offset to 0 Hz (zero) then
I will not hear the W1AW code practice
(radio dial still at 3581.5 kHz).
- 4) Now don't touch that dial or offset . . . if
another station transmits CW on 3582.0 kHz
I will hear a 500 Hz tone in my ear.
- 5) Now don't touch that dial or offset . . . then if
a different station transmits CW on 3580.5

I hear a 1kHz tone in my ear.

6) My double sideband (DSB) radio is now receiving three carriers but you can only hear two with your ear. One tone 500 Hz and another tone at 1 kHz, you can not hear in your ear W1AW because you zero beat his carrier.

7) Now if I put my radio into the LSB mode (assume my radio offset stays at zero) I will only hear in my ear only the 1 kHz tone (the station transmitting on the lower frequency).

8) MY (N3AAZ) Conclusion . . .

8-a) The radio tuning dial indicates zero beat carrier frequency.

8-b) The offset dial indicates the frequency of the tone I will hear in my ear when I zero beat another station's carrier frequency.

John
N3AAZ
FM 19 xa

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 3 Nov 2000 08:13:50 -0500
From: Gwendolyn Patton <wendy_lyn@unforgettable.com>
To: <qrp-1@lehigh.edu>
Subject: [83034] OT: Is there a fox in your backyard?
Message-ID: <200011031314.FAA01934@swan.prod.itd.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I think I detect a fox...(tongue firmly in cheek)

>From News of the Weird:
Central Illinois farmer Dan Aeschleman recently converted his= land to a more lucrative use: attracting foxes and then selling their= urine

in pump-spray containers (\$11.95 for 16 oz.) to landowners to= keep
nuisance animals away with the "presence" of a predator.=
According to
a September report in The Pantagraph newspaper of Bloomington,=
Ill.,
Aeschleman says the tricky part -- getting the non-domestic foxes=
to
urinate in an orderly fashion and then collecting it all (10,000=
gallons a year) -- is a "trade secret."

Date: Fri, 3 Nov 2000 08:14:40 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ".G-QRP Club" <GQRP@egroups.com>, ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [83035] DX on 10 Meters
Message-ID: <001b01c04598\$07190680\$b20f5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

I am presently working into Europe with 950 mWatts
and a beam. Just worked Franc, 9A2HF and he gave
me a 559.

The band is open!!

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call

N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	ARRL Life Member
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI QRP #153
VA QRP Society #45	MI QRP #1703
K2 sn1392	NJ QRP #179

Date: Fri, 3 Nov 2000 06:16:59 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [83036] FOX Technique Failed
Message-ID: <Pine.LNX.4.10.10011030556570.802-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was told this morning by Todd AG0T that he heard me 100 miles north of the fox. I was a few hundred Hz below Doc's frequency. I had been 2 KHz lower, trying to find a hole where Doc could hear me. I didn't go higher in frequency because there was a very strong ssb station just higher (a Mexican Business).

But I should have assumed that Doc didn't hear the ssb and up would work. Doc I guess never looked down for some reason. He may have had QRM lower at his location.

I tried to tail gate guys he was working but that didn't work either. Guess other stronger stations were doing the same thing.

But Doc was very weak here and I had lots of trouble copying him. I didn't go where he was looking. I had a signal up in his area my guess about as weak as his was here.

So the 5 watt Ten Tek Argonaut is going to be replaced by a Kenwood ts-50 with 2 vfo's and a 500 Hz filter and the ability to listen with one vfo all over and be able to come back to the fox instantly. This will help develop technique.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 3 Nov 2000 08:23:57 -0500
From: "N1RZ" <n1rz@timhavens.com>
To: <hamjoel@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83037] Re: FOX - zoom zoom
Message-ID: <004601c04599\$55abd010\$3cc8a8c0@silverbullet>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Joel,

You're in good company ;-) Neither John nor I made it through last night. I was trying with 500mW for about an hour, and then got desperate and QRO'd to 5W ;-) I still didn't get in....which is just as well, since I only heard him about 50% of the time....and I probably wouldn't have been able to work through all the QRM.

Doc did a GREAT job working through everything that was going on....very professional (IHMO).

The practice of sending the call at the start and end of the QSO really makes a HUGE difference in these big pileups.

I've really enjoyed working in these conditions...(which is a BIG suprise to me actually!). For me to stick with a pileup for even the rarest DX is really unusual....so working QRP is suprising me how much fun it can be....Course I like making it hard on myself, and work with as low a power I can....rather than 5W.....cause I'm 'sick' like that ;-) Guess I'll have to join in the contest next season for real....and get on a team. I've only missed two foxes so far. One I was out and couldn't make the attempt, and last night was just too hard.

I heard him in Whitefield, NH at anywhere from 11N to 57N QSB/QRM/QRN (QR-everything) ;-)

It's a blast....

----- Original Message -----
From: <hamjoel@juno.com>

> It's not nice to fool Cajun Thunder! we is down to 50 ... 50
> 2 foxes hit and 2 missed... gonna go see my cajun mama for some shooting
> lessons...

Date: Fri, 03 Nov 2000 07:24:51 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>, KI6DS
<ki6ds@dph.dpol.net>, Bob Hightower <nk7m@extremezone.com>,
Roger Hightower <n7kt@worldnet.att.net>
Subject: [83038] Contest: PC-CW Interface Diagram
Message-ID: <3A02CAB3.69BCD0D9@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

I just posted a diagram of a PC serial port to CW interface, which can be used with several logging programs, as well as QRPDUPE to my web site at:

<http://www.dancris.com/~bkassel/index.htm#top>

Just scroll down a bit on the page to see the text on which to click. It isn't very pretty, as the diagram was scanned in directly from my notebook, but it is complete. It is in .JPG format. The design uses a cheap opto-isolator in a 6 pin DIP package, mounted dead bug style with RTV. The whole thing easily fits inside the shell of a DB-9 connector, the type usually found on serial ports in notebook, or laptop PC's. I wanted to get the diagram posted quickly to allow folks to get it built before the SS contest.

Brian K7RE

Date: Fri, 3 Nov 2000 07:31:20 -0800
From: Thomas J Whalen <wb5qyt1@juno.com>
To: qrp-1@Lehigh.EDU
Message-ID: <20001103.073127.-264681.2.wb5qyt1@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Test 2

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 3 Nov 2000 10:15:38 -0500
From: Arthur Laurent <ALaurent@npr.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Cc: Arthur Laurent <ALaurent@npr.org>
Subject: [83040] OT: How NOMAIL this list?
Message-ID: <64ACCD0E0722D411AB6000400B40CE213D126A@npr-01-msg.npr.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Would someone be so kind as to tell me how to set this list to NOMAIL? I'm going on vacation for a couple weeks, and don't fancy coming back to hundreds of pages of (albeit scintillating) messages.

Thanks!

Art

Date: Fri, 03 Nov 2000 07:22:30 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: nk7m@extremezone.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [83041] Re: Calling the Fox on his freq

Message-ID: <3A02D836.EE198461@earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Actually, Bob, there are some of us on the list who are relatively ignorant of this Foxy stuff. Me for one. OTOH .. I'm not guilty of having called a Fox on his TX frequency, since I have never called a Fox at all*.

But this thread of messages has been very instructional re how to work a Fox and how not to. So I'm very glad to see it here. It may motivate me, and others, to enter the fray.

73, Phil W7OX

Bob Hightower wrote:

>

> At 09:46 PM 11/2/2000 -0500, you wrote:

> >Folks...calling the fox on his frequency is not going to get you in the

> >log early in the hunt. It's now 0243z and there are at least a half

> >dozen stations calling Doc on his transmit frequency. He has not worked

> >the first hound there...so why do you insist on calling there?

> >

> >The QRM is keeping the hounds that ARE being worked from getting the

> >confirmation and slowing down the rate!

> >

>

> Somehow, I don't think those folks are on the list, but found out about the
> hunt and decided to join in. Or are just incredibly dense!

>

> Bob Hightower NK7M

> Chandler, AZ

> SOC #20

> K2 #157/255

>

> <http://www.extremezone.com/~nk7m>

Date: Fri, 3 Nov 2000 10:26:21 -0500

From: "Richard E. Robinson" <rerobins@email.uncc.edu>

To: qrp-l@lehigh.edu

Cc: n1tp@worldnet.att.net

Subject: [83042] FOX - Correction to KF4AR Fox log

Message-ID: <v03110704b62887eb8d1f@[152.15.144.71]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

My apologies to 3 hounds for botching up my log. WB6JBM/8 was listed as just plain WB6JBM, W0JOE/M was listed as just plain W0JOE, and I missed listing my pelt to W0UFO when I transferred my paper log to Excel. How could I miss a UFO on Halloween? Boo made me do it.

This log should be correct.

72,

Rick kf4ar

0202	N9AW	579	WI	JERRY	5W
0202	K3IU	559	RI	KEN	5W
0205	N4ROA	579	VA	DAN	4W
0206	N2CQ	559	NJ	KEN	4W
0207	N4XY	579	GA	ED	5W
0208	N5ET	559	TX	BOB	5W
0210	K8CV	589	MI	WALT	5W
0212	K1JD	579	RI	JOHN	5W
0215	W9XU	559	WI	LOU	5W
0216	N1TP	559	FL	TOM	5W
0218	KICL	579	MA	CHUCK	5W
0219	KE1LA	599	ME	JOEL	5W
0220	N1LN	579	TX	BRUCE	5W
0222	N5TW	579	TX	TOM	5W
0224	AF4PS	579	FL	MAC	4W
0225	WS4S	579	TN	CONARD	4W
0226	K4FB	579	FL	PAUL	5W
0231	WA5GJE	579	TX	DANNY	5W
0232	WA9TZE	579	WI	JIM	5W
0234	AJ4AY	579	AL	JAY	5W
0235	K4BYF	579	FL	JACK	5W
0237	AC3A	579	NY	SCOTT	5W
0238	K5EOA	579	LA	WAYNE	4W
0239	W5SB	579	TX	BILL	5W
0240	K2QO	579	NY	MARK	5W
0242	WB9HFK	579	IL	MARK	5W
0243	KC1FB	579	CT	JIM	5W
0246	K8ZR	579	OH	ANTHONY	5W
0249	W5HNS	579	TX	HENRY	5W
0251	N8VAR	579	OH	RON	4W
0254	N0UR	579	MN	JIM	5W
0255	N1RZ	579	NH	TIM	1W
0256	W8DIZ	579	OH	DIZ	5W
0259	K5JHP	579	TX	BILL	5W

0300	K2FN	579	NJ	FRANK	5W	
0302	K0EVZ	579	ND	DOC	4W	
0304	W2XN	579	FL	FRED	5W	
0305	AF4LQ	579	KY	MIKE	4W	
0306	KK5LD	579	TX	DAN	5W	
0309	N8IE	579	OH	DAN	5W	
0311	N2ZHY	579	NJ	DAVID	5W	
0312	N2SMH	579	NJ	DAVID	2W	
0314	WB6JBM/8	579	OH	RICK	4W	****
0316	K5AAR	579	OK	DON	5W	
0319	KB1ENS	559	VT	JOHN	5W	
0322	W0CH	579	MO	DAVE	5W	
0324	AE9K	579	WI	BRIAN	5W	
0330	W0JOE/M	579	MO	JOE	5W	****
0331	W0UFO	579	MN	MERT	3W	****
0332	N4EUK	579	VA	STEVE	5W	
0334	N9SE	579	IN	MARTY	1W	
0336	NZ4E	579	VA	MARC	4W	
0340	N2LO	599	NJ	BOB	5W	
0342	N5GLQ	579	LA	MIKE	5W	
0344	W0PWE	579	IA	JER	5W	
0350	K0PC	579	MN	PAT	5W	
0352	W8PIG	579	OH	PORKY	5W	
0354	W0RSP	579	SD	ADE	4W	
0358	W4IM	579	VA	JOHN	3W	
0359	K5ZTY	579	TX	BILL	5W	
0000	KF4AR		NC	FOX	5W	

Date: Fri, 03 Nov 2000 07:02:33 -0800
 From: Bill Jones <kd7s@psnw.com>
 To: Steven Weber <kd1jv@moose.ncia.net>, qrp-1@lehigh.edu
 Subject: [83043] Re: PSK:Align your Warbler without W1AW
 Message-ID: <3A02D389.FFDC50F7@psnw.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

Thank you, Steve, for the heads-up. I will look into this a little further with my frequency counter this weekend.

Steven Weber wrote:

>
 > >

> Bill, I believe they all transmit 800 Hz LSB.

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~KD7S>

Date: Fri, 3 Nov 2000 10:36:18 -0500
From: Ronald_A_Pfeiffer@res.raytheon.com
To: qrp-l@Lehigh.EDU
Subject: [83044] Re: Calling the Fox on his freq
Message-ID: <8525698C.0055B8D1.00@ressud-as01.res.ray.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

1. Actually not all of us have RIT!
2. This simulates the real world!

If people want catching the fox easier we can all get in line with our qrp-l number and the fox can call attendance one at a time!!!!

Ron - N1ZSW

Date: Fri, 03 Nov 2000 09:51:10 -0600
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [83045] RE:PSK31 BIG Bang for your buck
Message-ID: <3A02DEED.5901C352@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OK, I'm slow. I still haven't finished building the PSK20, but I do intend to get a PSK80 as soon as the 20 is running.

There is a thread running on Glowbugs list that I really think the PSK80

experimenter group should be aware of:

The GB group is made up of folks who experiment with tube equipment, including a lot of genuine QRP stuff. They have a sort of informal ragchew on 3578 kHz most nights. Some are complaining about the "digital" QRM. It seems likely that what they are getting is PSK31, and on 80 m., most likely it is our own PSK80 builders.

I will enter here the same plea I entered there: PLEASE, let's not start

a war between CW and digital ops. Both are going to need to make common cause to keep the CW subbands from being gobbled up by the phone only folks, especially since the latest restructuring.

As I pointed out on GB, if the CW group is really on 3578, and the PSK group just stay above 3580, there should not be a problem. I'm all for more experimenting with PSK31 on all bands. (Anyone tried it on UHF yet?) But please calibrate your equipment and please try to avoid stomping on anyone else. Even on this list we occasionally get irate remarks about "digital" QRM. If there is a CW station on frequency, they can't respond to a QRL sent in PSK31 or RTTY! (And vice versa, of course.)

No need to make enemies of people who should be allies is there?

--Gary Lee Phillips KA9NZI
ka9nzi@arrl.net

Date: Fri, 03 Nov 2000 07:57:46 -0800
From: Ed Vines <evines@garlic.com>
To: "David D. Meacham" <W6EMD@prodigy.net>
Cc: qrp-l@lehigh.edu
Subject: [83046] Re: PSK-80:Enclosures
Message-ID: <200011031558.eA3Fw3x38962@windmill-en0.garlic.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi David,

I ordered mine from Mouser. Part # 537-139-P, on page 357 of my #603 catalog. The board fits this box snugly in width, which made it a little

difficult for me when trial fitting the board. I finished the cut outs last night. My first experience with a nibbler. I got the rectangular cut outs a little oversized trying to make them look less moth eaten. Got my heat sinks yesterday too.
Almost ready to go.

At 08:55 PM 11/2/00 , you wrote:

>Hi Ed,
>I'm wondering where you got the LMB box. My kit is just about done & I
>need a box.
>72, Dave
>

Date: Fri, 3 Nov 2000 08:29:49 -0800
From: Thomas J Whalen <wb5qyt1@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [83047] email troubles
Message-ID: <20001103.082949.-264681.0.wb5qyt1@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang, were still kickin' here but have been having trouble with our email. Not sure if this one is even going to get thru!! Been able to read the mail from qrp-1 but have not been able to send on a regular basis. I will get the problem resolved eventually, with Cla's help. Still getting on the bands when I can. Just finished my TT2, a bit late but with my work being what it is...Still enjoying the posts!! 72, Tom
WB5QYT..."Have spud will travel!"

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 3 Nov 2000 09:00:16 -0500
From: "Paul G Kaczmarek" <Paul.G.Kaczmarek@USA.dupont.com>
To: qrp-1@Lehigh.EDU
Subject: [83048] Re: Toroid Question
Message-ID: <8525698C.004C6C09.00@CDCLN08.LVS.DUPONT.COM>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

Gentlemen,

Thank you for your response to my inquiry about using stranded wire for winding toroids. It is thrilling to get an answer to a question that covers aspects that might not be considered.

To recap the responses. The main reasons to use solid vs. stranded would be:

- solid is stiffer - allowing shape retention, and better mounting, less change over time.
- form factor - stranded insulated wire reduces the number of turns available in the inside radius limiting available inductance especially on smaller cores.
- lower Q. dielectric losses due to the insulation increase capacitive coupling.
- price & availability - hard to find smaller gauge stranded wire.
- easier to work with - solid take a set and remains as placed even when tension is removed.

For those who may want to know. I am working on a homebrew Z-Match ATU made with poly caps, a T-130-2 core (why I wasn't worried about fitting turns in). I plan to mount it in a nice compact case made from a Action Inst. (TM) hockey puck signal isolator that gave up the ghost. I hope using a smaller case won't affect performance significantly. I guess I'll have to try it and find out.

Inquiring minds want to know (why)

Paul KB2TPA Cheektowaga, NY Sierra, TT Argosy, Pepperdog, USMC

Date: Fri, 3 Nov 2000 09:04:03 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Ronald_A_Pfeiffer@res.raytheon.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [83049] FOX Re: Calling the Fox on his freq
Message-ID: <Pine.LNX.4.10.10011030901410.1235-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Even people with no rit can work split frequency. They need to keep track of both there frequency and the fox's frequency...hard to do.

But can be done. Spend money and get a radio with 2 vfo's.

On Fri, 3 Nov 2000 Ronald_A_Pfeiffer@res.raytheon.com wrote:

>
> 1. Actually not all of us have RIT!
> 2. This simulates the real world!
>
> If people want catching the fox easier we can all get in line with
> our qrp-1 number and the fox can call attendance one at a time!!!!
>
> Ron - N1ZSW
>
>
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 3 Nov 2000 11:13:27 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <k5di@zianet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83050] Re: FOX Re: Calling the Fox on his freq
Message-ID: <003001c045b1\$077044e0\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

From: Karl F. Larsen <k5di@zianet.com>

>
> Even people with no rit can work split frequency. They need to
> keep track of both there frequency and the fox's fequency...hard to
do.
> But can be done. Spend money and get a radio with 2 vfo's.

Hey, I can even do that with my Swan 500c! But did you ever see the
size of (and effort required to change) those switches for 'dual VFO'?

Mike

Date: Fri, 3 Nov 2000 11:21:01 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83051] ATUs...
Message-ID: <004e01c045b2\$112c8740\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I built and installed the ATU in my K2 and am really impressed with
it's operation.

So much so that imitation is the most sincere form of flattery, right?
I'm
kicking around a 'thought process' kind of thing.

What's the algorithm you would use if you were to build your own ATU.
Say from scratch in a box with a '51 processor or so... How would you
do it? Sure, copy the Elecraft design, right?

Seriously, if you WERE to build your own little ATU, even if you copied
someone else's design for the physical reactive components and how
they are switched in and out, what's the algorithm you would use to
'zero in' on a match?

For the argument, just assume that you have a 'steady state' low level
signal applied to your 'box', and you hit a button on your box to start
the
process. Also, just to keep it simple, assume that the stuff you would
ALREADY know is done, like the processor first off doing a quick
count of the frequency to know what band it's on, so throw that out of
the discussion...

Mike

----- Original Message -----

From: Mike Yetsko <myetsko@insydesw.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, November 03, 2000 11:13 AM
Subject: Re: FOX Re: Calling the Fox on his freq

> From: Karl F. Larsen <k5di@zianet.com>

> >
> > Even people with no rit can work split frequency. They need to
> > keep track of both there frequency and the fox's fequency...hard to
> do.
> > But can be done. Spend money and get a radio with 2 vfo's.
>
> Hey, I can even do that with my Swan 500c! But did you ever see the
> size of (and effort required to change) those switches for 'dual VFO'?
>
> Mike
>
>
>
>

Date: Fri, 3 Nov 2000 11:30:08 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Arthur Laurent <ALaurent@npr.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83052] Infrequent Reminder Re: OT: How NOMAIL this list?
Message-ID: <Pine.OSF.4.21.0011031129160.10963-100000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

QRP-L Help files are found here:

<http://www.acs.oakland.edu/~prvalko/qrpplc.htm>

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

On Fri, 3 Nov 2000, Arthur Laurent wrote:

> Would someone be so kind as to tell me how to set this list to NOMAIL? I'm
> going on vacation for a couple weeks, and don't fancy coming back to
> hundreds of pages of (albeit scintillating) messages.
>
> Thanks!
>
> Art

>

Date: Fri, 03 Nov 2000 08:40:40 -0800
From: Russ Carpenter <russ@natworld.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [83053] Reminder for the NOVEMBER SPARTAN SPRINT
Message-ID: <B6282A83.5DA3%russ@natworld.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

The November Spartan Sprint will be held on Monday, November 6, 2000 (which is our standard date--the first Monday of the month). You may operate on any one or more of five bands--80, 40, 20, 15, and 10 meters. Don't worry if your station is a bit obese. We commend the winners in two categories--points (the Tubby Division), and points per pound (the Skinny Division).

If you are a newcomer to the Sprints, take a look at the introductory material at the end of this post.

1. Start at 9:00 PM EST, 8:00 CST, 7:00 MST and 6:00 PST. Finish at 11:00 PM EST, 10:00 CST, 9:00 MST and 8:00 PST. In terms of UTC, start at 0200 and finish at 0400.
2. The frequencies will be 3560+- kHz, 7040 kHz+-, 14060 kHz+-, 21060 kHz+-, and 28060 kHz+-. (You may operate any number of bands--your choice.)
3. Exchange RST, SPC (state, province or country) and power output.
4. If you choose to call CQ, use the format "CQ SP," or "CQ QRP TEST."
5. You can take credit for working the same station on a second, third, or fourth band.

After the contest, we invite you to use our autolog, which is part of the ARS Sojourner. Just go to www.natworld.com/ars and follow the link for "Direct access to autologs". Or you can speed things up by going directly to the Spartan Sprint autolog page at www.natworld.com/ars/ss_log.html.

If you don't have access to the web, send Russ Carpenter, AA7QU, an e-mail with your total QSOs and the total weight of your station (i.e., the combined weight of all transmitters, receivers, keys, keyers and batteries used during the Sprint). You may also include your comments from the soapbox. Russ' email address is russ@natworld.com.

We publish results for each Spartan Sprint on the Thursday following the Sprint. This may be the world's quickest contest reporting! Please send us your log as soon as possible, but in no event later than Wednesday afternoon.

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, and battery. Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and points per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving an remarkable ratio of points per pound.

If you're thinking about becoming a member of Adventure Radio Society, just send Richard Fisher (our membership chairman) an e-mail expressing your interest. Richard's e-mail address is KI6SN@aol.com. Membership is free, and the organization has a great group of men and women who combine their love of ham radio with their affection for the outdoors. You don't need to be a macho person; ARS welcomes people of all ages and levels of ability.

Russ Carpenter, AA7QU, Contest Manager

russ@natworld.com

Date: Fri, 3 Nov 10 11:48:46 -0500 (GMT+5)
From: wd9eyb@butler.qrp.com
To: qrp-l@lehigh.edu (QRP List), wvara@butler.qrp.com ()
Subject: [83054] PSK: PSK-80 Group Building Project
Message-ID: <200011031648.LAA07482@butler.qrp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Today I received my PSK-80 Warbler kit.
The mailman, Gary, N9POJ, knocked on my door and handed to me.
Here's a link to a picture of my kit just to prove I have it.
<http://butler.qrp.com/~wd9eyb/psk80/kita.jpg>

So, my group building project for west central Indiana, east central Illinois, is go for launch tomorrow afternoon. If you're in the area you are invited to come and help or just watch me build my kit. If you have a kit you are also invited to bring it and work on it. Please bring your own tools since mine will be busy on my kit. If you have a kit assembled you're invited to bring it and let us see what we're working for. When I get my kit complete I hope to hook it up and get on the air.

I'm hosting this at my office here in Terre Haute at Corporate Square. If you would like to attend I need to know you're coming since the building is locked and I'll need to let you in. I'll try to remember to listen on 146.595 MHz. Send email to wd9eyb@arrl.net or phone 812.238.0584. The address is 2901 Ohio Blvd., Terre Haute, IN 47803, if you want to punch that into a mapping program.

We'll be starting at 1:00 PM EST, that's 1800 UTC or noon Illinois time. I don't know when I'll get done, I'm a pokey builder.

I want to host additional group build meetings. So, if you get your kit later let me know and we'll have a little get together.

Jim, WD9EYB

P.S. I once built a FS meter in front of a novice class and it worked. So, there's a least a little hope I won't make too many mistakes working in front of an crowd. If I were working alone I could swear a lot and that has made the kits I've built go together a lot easier for some reason. :-)

Date: Fri, 03 Nov 2000 09:02:17 -0800
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@lehigh.edu
Subject: [83055] PSK:Warbler Reistent to QRM
Message-ID: <3A02EF99.31413760@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

Last night several of us were on 80 meters with our Warblers carrying on a nice round table discussion. I noticed that there was a very strong CW signal 20 Hz below Doug, KI6DS, while he was transmitting. It didn't make a whit of difference as Doug was still 100% print.

Later, Phil, W70X, joined us. This time a CW signal was 10 Hz above Phil's signal but no problem copying at all. PSK-31 is certainly a robust mode in its ability to ignore QRM.

Besides Doug and Phil, Dave (AB5PC) and Dennis (NB6I) joined us last night. We really had fun.

Don't forget to join us this coming Sunday evening for The Western Warblers unofficial round table QSO party. We will meet at 7:00 p.m. (Pacific Standard Time) somewhere between 3580 and 3581 kHz. There will be no net control, no check ins or anything formal. It's just a bunch of guys chatting away on PSK. Don't worry if you don't have a Warbler. Use anything you have. We're looking forward to seeing you in the waterfall.

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~KD7S>

Date: Fri, 03 Nov 2000 09:05:23 +0000
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: biggman@accucomm.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83056] Re: Parts
Message-ID: <3A027FD3.9A7EB85D@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Randy Joiner wrote:

>
> Anyone know of a source for CA3020's. The Epiphyte, recently kitted by
> NORCAL uses one and I would like to have a couple of spares. Doug says he
> don't know of a source, and I haven't heard back from Derry yet, but I
> suspect he may say the same. So gang.....can anyone help?

The Epiphyte published in QRPP Sept. 1994 starting page 29 must be a different beast as it has no such obsolete IC's. I'm confused.

73,

--

Arjen Raateland
SAS Support
Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Fri, 3 Nov 100 12:06:17 -0500 (GMT+5)
From: wd9eyb@butler.qrp.com
To: wvara@butler.qrp.com (), qrp-l@lehigh.edu (QRP List)
Subject: [83057] PSK: WVARA Meeting Tonight
Message-ID: <200011031706.MAA08846@butler.qrp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Tonight, Friday, is the WVARA meeting in Terre Haute.
I'll have my unbuilt PSK-80 Warbler kit there to show off.
Tomorrow I'm building it. See the other posting about that.
The main topic at the WVARA meeting is RF safety but I hope
to announce my group building project. I also printed a few
copies of the NJ QRP Club Warbler page to use as a handout.
That's 7:30 PM EST, 0030 UTC, 6:30 PM Illinois time, at the
American Red Cross, 700 S 3rd St., Terre Haute, IN

Jim, WD9EYB

Date: Fri, 3 Nov 2000 12:44:01 -0500
From: "Jim Dolson" <jdolson@iserv.net>
To: <qrp-l@lehigh.edu>
Subject: [83058] Epiphyte-3 T2 - #26g vs. 24g wire - Difference Important?
Message-ID: <002001c045bd\$a7832860\$b309e0d0@hal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Transformer T2 on the Epiphyte 3 is wired with two turns of #24g enameled
wire and 5 turns of #26g enameled wire.

My kit had only one type of wire , which I assume to be #24g. Do I need to
find some #26g wire for the 5 turns on T2 or can I just use the #24g. It
seems like such a small difference in size . . .

It looks like T1 uses #26g wire too. Same question. Can I use the #24g or not?

Looking in the handbook, it seems like the number of turns for a certain inductance does not depend upon the size of the wire.

Thanks,

Jim
wb8zbd

Date: Fri, 3 Nov 2000 12:58:20 -0500
From: hattonte@gdls.com
To: qrp-l@Lehigh.EDU
Subject: [83059] Titanic Trivia
Message-ID: <OFE97F1736.28CDE150-ON8525698C.00626976@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

A crystal radio receiver which copied the Titanic's distress call was on exhibition in Birmingham England, back in April this year. It's supposedly the only surviving Rx which heard the call.

Terry
W1QF

Date: Fri, 3 Nov 2000 12:58:32 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [83060] fox - no split
Message-ID: <20001103.130650.-312851.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

iffin u got u self some rit on u receiver put the rit to 1khz lower or higher than the fox freq and tune in the fox.... ur xmtr is now gonna xmit 1khz lower or higher than the fox freq.... and u receiver gonna come back to the fox every time....

Iffin ur radio won't rit than u need to wait till the last half hour or so on the hunt and tune a bit off the fox, but soes u can heard him and

try calling.... iffin there be a whole lotta u without rit or split...
send me an email and I will set aside some time for only folk withour rit
or split to catch me (fox)

foxes are liked by meaux folk because foxes try harder.... :-)

kella joel
in maine
freezin

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 3 Nov 2000 10:27:43 -0800
From: Thomas J Whalen <wb5qyt1@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [83061] MFJ rcvr?
Message-ID: <20001103.102744.-264681.0.wb5qyt1@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang, did MFJ ever make a companion 40 m receiver for the MFJ 40T xmtr?
tnx and 72, Tom WB5QYT..."Have spud will travel!"

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 03 Nov 2000 10:34:40 -0800
From: "Arthur G. Silvers" <ags@ieee.org>
To: bl@csi.com
Cc: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [83062] Re: ZM-2 problem
Message-ID: <3A030540.BBAA7495@ieee.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Brian,

When the ZM-2 is in tune mode, the rig sees a 50 ohm resistive load due

to the bridge circuit. So what you are getting is expected. I have watched others tune their ZM-2 before I got mine and learned that it is a bit tricky at first.

First of all, make sure that the "link" switch is in the proper position for your antenna and transmission line. It sounds like you are feeding a dipole with coax so the switch should be in the "ground" position. That makes a big difference.

Next, when you have tuned the output cap for dimmest illumination, go back and detune the input cap a bit and try again. Repeat the process detuning the input up and down until you can completely dim the led with the output cap.

Once you get the hang of it, you can practically do it with you eyes closed. ;~} Don't forget to switch back to "operate" after you are done tuining. I did the Zombie Schuffle the other night in tune mode. Couldn't understand the weak signal reports.

Hope this helps.

72 es GL
Arth W6AGS

Date: Fri, 03 Nov 2000 18:42:12 GMT
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: jdolson@iserv.net
Cc: qrp-l@Lehigh.EDU
Subject: [83063] Re: Epiphyte-3 T2 - #26g vs. 24g wire - Difference Important?
Message-ID: <F312n2Yf0scl9NtDEJm0000812d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I don't think it will make much difference. I just rewound T2 and L10 with a little heavier wire, having melted the insulation off the original with a short from Q1's collector to the case. Make very sure you deburr the mounting hole for Q1 as the insulator provided is kind of soft and a slight bur can work its way through in time! In fact I am adding a fuse holder and fuse that I will connect across J3 during normal use for future protection!

73 - Mike WA8BXN

>Transformer T2 on the Epiphyte 3 is wired with two turns of #24g enameled
>wire and 5 turns of #26g enameled wire.

>
>My kit had only one type of wire , which I assume to be #24g. Do I need to
>find some #26g wire for the 5 turns on T2 or can I just use the #24g. It
>seems like such a small difference in size . . .
>
>It looks like T1 uses #26g wire too. Same question. Can I use the #24g or
>not?
>
>Looking in the handbook, it seems like the number of turns for a certain
>inductance does not depend upon the size of the wire.
>
>Thanks,
>
>Jim
>wb8zbd
>

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<http://profiles.msn.com>.

Date: Fri, 03 Nov 2000 10:45:55 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: ags@ieee.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83064] Re: ZM-2 problem
Message-ID: <3A0307E3.CC9F4D7A@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Arthur G. Silvers" wrote:

>
> Once you get the hang of it, you can practically do it with you eyes
> closed. ;~} Don't forget to switch back to "operate" after you are done
> tuining. I did the Zombie Schuffle the other night in tune mode.
> Couldn't understand the weak signal reports.
>

Oh yeah .. I know it well! Been there, done that.

Phil W7OX

Date: Fri, 3 Nov 2000 13:52:04 -0800
From: "Dave Benson" <nn1g@earthlink.net>
To: "Gary Lee Phillips" <ka9nzi@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [83065] RE:PSK31 BIG Bang for your buck
Message-ID: <002d01c045e0\$4fe0d760\$4920fc9e@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

>
>There is a thread running on Glowbugs list that I really think the PSK80
>experimenter group should be aware of:
>
>The GB group is made up of folks who experiment with tube equipment,
>.....Some are complaining about the "digital" QRM.
>It seems likely that what they are getting is PSK31, and on 80 m., most
>likely it is our own PSK80 builders.

<snip>

Gary and gang-

Thanks for the post and the reminder, and we touched on the topic just a few weeks back.

I've been on the air in the 3580-3581 window Khz (the Warbler's passband) as much as anyone has, and I'll make the following observations: I rarely see any CW activity on-screen. Indeed, that which I do see is down around 3578 Khz as you mentioned. I do sometimes see signs of PSK31 activity around 3578.5 to 3579, but that's not coming from 'Warblers'.

For better or worse, the current PSK31 activity is centered around 3580 and spread out perhaps 5 Khz in both directions. Let's keep in mind that the grumbling started well before the Warblers were fielded, and that the PSK31 stations spreading out on the low side may be the source of the irritation. I see potential 'goodness' coming out of the Warbler exercise- people want to hang out 'where the action is' and we may have some influence in 'gathering it in' around 3580+ KHz.

Incidentally, the stations operating PSK31 do 'see' the CW signals perfectly well- they have a distinctive trace on the waterfall, and their presence there is an obvious reminder of the potential for QRM.

Given the separation in frequency (2-3Khz) between the GB activities and the 'Warblers', I really do not believe that they're causing interference. If you're a subscriber to the PSK31 reflector, I'll encourage you to offer the same gentle plea for consideration in that forum as well. If you're not, I'd be happy to forward this correspondence to their attention.

We do indeed have a common cause- the viability of our hobby.

Thanks & 73- Dave, NN1G

Date: Fri, 3 Nov 2000 14:09:55 -0500 (EST)
From: David Ek <ekdave@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [83066] Fox - No RIT? No excuse--Build one! :-)
Message-ID: <383632599.973278595151.JavaMail.root@web621-wrb.mail.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang (or at least those underprivileged foxhunters among you without RIT):

Frankly, I'm a little surprised that some of you have no equipment with RIT. I guess that it's true that a few of the QRP kits still don't have RIT as a basic feature. The SW+ rigs and the SST come to mind, and perhaps also some of the MFJ, Vectronics, Ten Tec, and Ramsey kits. But almost all of these kits are varactor-tuned and could be modified to include RIT fairly simply, and I know many of you don't need much of an excuse to fire up the soldering iron and monkey around inside your rig. So, the foxhunts give you an excellent excuse for a little interior redecoration, eh?

The Elmer 101 web site lists an RIT mod for the SW+ rigs (that I personally built for my SW+, so I know it works). It should be adaptable to other varactor-tuned rigs. Here's the URL:

<http://www.qsl.net/kf4trd/mods.htm>

Also, don't forget that Dave Benson sells an RIT kit for the SW+ (based on a

circuit similar to the one given above) for a very reasonable price. I don't have one, but the pic on the web page shows that it's laid out very compactly and should be easy to install in your rig. Dave, of course, runs Small Wonder Labs:

<http://www.smallwonderlabs.com/>

Even rigs with air variable capacitors ought to be modifiable to include RIT (the arrangement in the Sierra, for example, is fairly straightforward). I don't recall whether the Norcal Sierra (the one written up in the ARRL Handbook) had RIT, but the Wilderness Sierra does. You can get a description of how the RIT works in the Wilderness Sierra from:

<http://home.earthlink.net/~hamkitbuilder/elmer102.html>

Working split seems to be the wave of the future for the foxhunts (and, IMHO, for good reason), so don't miss out on the fun!

73,

Dave AB0GO

Date: Fri, 03 Nov 2000 19:22:35 GMT
From: "Tom Dufresne" <tdufres@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [83067] Homebrew Receiver
Message-ID: <F35js6irtGk2YP6Qo4q00009814@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang: My "Lil 7" AM Transmitter fell thru (parts unavailable) so I am looking at another project. Found a neat simple direct-conversion receiver ("A Simple Receiver for Beginners"-1980 ARRL Handbook). Some questions.
1) References are made to "FL1" Whats that? Frequency limiter? What does it do?

2) There's something that goes from what looks to be the VFO "shield box" to/from(?) the hot (+13v) power. Its' called "0.001 FT"

Looking.. looking... Hmm Whats that!?!?!?

Love these older ARRL handbooks. It makes me feel like I am getting an education in radio from the "beginning"...

Thanks in advance...

Tom

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Share information about yourself, create your own public profile at
<http://profiles.msn.com>.

Date: Fri, 03 Nov 2000 13:36:31 -0600
From: "George, W5YR" <w5yr@att.net>
To: tdufres@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83068] Re: Homebrew Receiver
Message-ID: <3A0313BF.AFFD3EFE@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It is a 0.001 uf feedthru (FT) capacitor.

These are widely used to carry a conductor outside or inside to a shielded enclosure and to provide a very low-impedance connection to the by-pass cap. Thus, FT's are very effective at VHF and beyond since they greatly reduce the inductance of the capacitor leads. The FT provides a low ohmic-resistance path for the conductor with a built-in bypass cap from the conductor to the metal mounting hardware.

You can get around using an FT if you just bring the lead in question in through some sort of feedthrough device and then attach 0.001 cap(s) to that point and the nearest, best ground point *inside* the enclosure. Keep cap leads down to zero length if possible.

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Tom Dufresne wrote:

2) There's something that goes from what looks to be the VFO "shield box"

> to/from(?) the hot (+13v) power. Its' called "0.001 FT"

> Looking.. looking... Hmm Whats that!?!?!

Date: Fri, 03 Nov 2000 11:48:05 -0800
From: Jeff Stai WK6I <jstai@home.com>
To: Elecraft <elecraft@qth.net>, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [83069] a new breadboarding technique
Message-ID: <3A031675.9317FF19@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I guess you'd have to call this "Santa Fe" construction...! - j

Breadboarding on the Cheap:
<http://www.seattlerobotics.org/encoder/apr98/breadbrd.html>

--
jeff stai
WK6I DM13
NAR #21059 TRA #3356 L2
jstai@home.com / wk6i@arrl.net
ROC web page: <http://www.rocstock.org/>

Date: Fri, 03 Nov 2000 12:43:37 +0000
From: Chuck Adams <k7qo@primenet.com>
To: qrp-1@lehigh.edu
Subject: [83070] Reminder of SS Tomorrow
Message-ID: <4.3.2.7.0.20001103122837.00c965b0@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

For those of you that plan on just hanging out on the bands and calling CQ to generate a QSO over the weekend, it is my hope that you are planning on doing this on the WARC bands. As Sweepstakes (SS) starts tomorrow you will find a lot of QRO stations on the air from the first KHz of the band and way up further than usual. The digital people that hang out at 14.059 and 14.060 even have to move further up or out of the band.....

There will be a large group of QRPers doing S&P (search and pounce whereby we go from station to station (usually the QROs holding a freq) working them as best we can) and a few lucky ones that can hold a freq for a 10-20 mins on Sunday late. Listen for those of that can

and work us if you can. I think I can hold a freq, but if not I'll be S&P. I'm going to try the A/B thingy with the external VFO on the Corsair.

I am about to leave for the contest station up at 7,000' near Prescott. Two towers with Force12 antennas and I'll be running 4.5W this year instead of 160mW as I did last year.... :-)
I hope the roads are open to the top of the mtn.

So what I'd like to do is work as many QRPers on 40 meters tonight as possible. I'll be around 7.040-7.030MHz and I'll be working QRP-L numbers in order. :-) Joking. I'll be using the K1 on battery power in order not to invite Murphy to play with the contest rig (a Corsair 1 with OHR Wattmeter and laptop). What I needed last year was a WM-2 with dual meters and I wouldn't have made a big mistake on the antennas that caused the lower power output).

I'll be listening on frequency and if a rush occurs then I'll switch to SS/Foxhunt style of operating with quick exchanges. I'll take QRP-L numbers or power. I don't care.... :-) ;-)

Say 0100UTC and after on November 4th, 2000.....

And for those of you that will be on tomorrow, good luck in the test and I hope to catch you.

If you can do 20wpm, plan on about 4 hours or so to get 100 contacts for the SS pin for \$5 from the ARRL. It is a beautiful pin IMHO and well worth the effort. BUT, I can tell you if you are running 5W or less you need to have a good antenna or you will not be heard but by a few of the best operators on the air. Or ones that you have good reciprocity to.

FYI

dit dit

P.S. Will contest for food.....

Chuck Adams, K7Q0 Prescott, AZ

Date: Fri, 03 Nov 2000 12:05:25 -0800

From: Phil Wheeler <w7ox@earthlink.net>
To: Jeff Stai WK6I <jstai@home.com>
Cc: Eleccraft <eleccraft@qth.net>, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [83071] Re: [Eleccraft] a new breadboarding technique
Message-ID: <3A031A85.E1A3405F@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jeff Stai WK6I wrote:

>
> I guess you'd have to call this "Santa Fe" construction...! - j
>
> Breadboarding on the Cheap:
> <http://www.seattlerobotics.org/encoder/apr98/breadbrd.html>
>
>

Hmmmm... Dated April 1998 :-;

Phil

Date: Fri, 3 Nov 2000 13:13:28 -0700
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu
Subject: [83072] FOX: How to get a pelt, and how NOT to (long)
Message-ID: <3A02B9F8.2958.8408DC@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Ron said--

>>1. Actually not all of us have RIT!<<

Actually RIT is not necessary to stay off the Fox TX frequency. Just tune until you hear him at as high (or low) a pitch as possible and you will be adequately off his frequency.

>>2. This simulates the real world!<<

Yes indeed. To the extent that there are always going to be lazy, rude, incompetent, inconsiderate, and piggish operators out there. And a few who are

genuinely ignorant of the procedures for a specific event (though even they should be able to figure it out by listening).

The biggest problem is not so much hounds calling on the fox's frequency as hounds who don't LISTEN. Calling once at zero beat when the fox has asked for calls is no problem. Calling over and over again, after the fox has started to work somebody else, is what causes the problem. Some hounds seem to think a question mark means go ahead and call, and ignore (or don't copy) a specific query. For example VE3? means VE3 stations try again, not everybody!

Last night it was apparent that a lot of hounds were not listening to what Doc was doing. Calling while the Fox is transmitting does nothing for your chances of getting a pelt and in fact could be counterproductive because it can slow the Fox down if he has to repeat or ask for repeats. Can't tell whether the fox is transmitting? Then you CERTAINLY shouldn't be calling, on his frequency or anywhere else.

There are three secrets to getting a pelt:

1. There has to be propagation. You have to be able to hear the fox and he has to be able to hear you.
2. Timing: you need to send your call when the Fox is listening, and ideally before or after everybody else calling on the same frequency. When to call should be based on what you have learned (by listening). Don't call just because everybody else is.
3. Where to call. That's the real puzzle of the foxhunts, and separates the pelted from the peltless. It's a given that there will be a lot of hounds calling, and the fox will be listening with a very narrow filter. You need to figure out where the fox is listening, and whether he is moving up or down with each qso, and make an intelligent guess as to where he will be listening when you call. If you don't have much control over where you are going to call, then please refer to 2 above and wait until you suspect the fox is listening where you can call.

I don't want to sound pedantic, or arrogant, etc., but the whole purpose of the Foxhunt is FUN and if you ignore that, you're often spoiling it for others too. Just as with DX, the fox has to try to "control" the pileup, and he can only do that to the extent that the hounds will listen and adapt.

Congrats to all who have earned a pelt so far, and good luck in the rest of the hunts. Relax, play nice, have fun.

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: 03 Nov 2000 15:04:50 -0500
From: Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
To: qrp-l;;
Subject: [83073] Instruments to measure QRP RF power. (long)
Message-ID: <2000Nov03.150450-0500@[130.113.234.7]>

To those who want to measure RF power output:

Many have asked the best instrument for measuring their rig's output power (in watts). Here's a personal opinion on which instrument is best, and its limitations. I'll cover:

- diode peak detectors
- oscilloscope
- diode square law detectors

Bolometers using thermistors or thermocouples are appropriate too, but most are laboratory grade instruments too expensive for ham use. These fill in the area around a milliwatt where diode detectors aren't so good.

For those who want the bottom line - an oscilloscope can give you RF voltage over a very wide range, with fairly decent accuracy. Its my instrument of choice.

The setup is this; connect a rig's output to a 50 ohm dummy load, and connect some device to measure output power. You can measure peak-to-peak voltage with a scope, peak voltage with a diode detector, temperature rise with a thermistor or thermocouple.

For 5W and above:

A diode peak detector is dead simple and decently accurate. The diode's reverse breakdown voltage limits the available power you can measure. For example, if your diode breaks down at 60 volts, that's the maximum peak-to-peak voltage it can stand. 60 volts p-p is 9 watts RF power.

A modern scope's upper input range might be 5 volts per division (most have 8 divisions). That's 40 volts p-p, or 4 watts. If you use a X10 probe, you get 800 volts p-p, but many probes only allow limited RF voltage - perhaps 100 to 300 volts

peak-to-peak. I'd be cautious about using a probe to measure a rig's output power above 25W.

Typical scope error is 3%, which blows up to 6% (because you've gotta SQUARE the voltage) when you scale to power.

For 100mW to 5W

The scope is excellent in this range. So are bolometers. Diode peak detectors start to give low readings (especially at the lower power end) because of the 0.6v offset required to get a silicon diode conducting. Schottky or germanium diodes give slightly lower error. 100mW is only 6.32 volts p-p.

For 1mW to 100mW

A scope is still superb in this range. Diode peak detectors must be seriously corrected for their 0.6 v offset. Bolometers can handle this range too. Still too much for diode square law detectors. 1.0 mW is only 0.632 volts p-p.

For .01mW to 1mW

A scope still works fine over this range. Diode peak detectors are out. Bolometers find it tough going at the lower end. Still too much power for diode square law detectors. 0.01mW is only 63.2 millivolts p-p.

Below 0.01mW

A scope can handle the upper end of this range, but this is the domain of a diode square law detector. Followed by a sophisticated DC amplifier, a diode square law detector can measure power output down to nearly 1.0 nanowatt. For those who don't know - a diode square law detector looks a lot like a peak detector, but it always conducts during all parts of the RF sinewave cycle. Its DC output is affected by temperature too, so a calibrated instrument is not easy to make.

Date: Fri, 3 Nov 2000 15:14:08 -0500

From: jcasey@notes.cc.sunysb.edu

To: qrp-l@lehigh.edu

Subject: [83074] Power Supply Question

Message-ID: <0F08F5B787.0CD84BDE-ON8525698C.006EE0A7@cc.sunysb.edu>

MIME-Version: 1.0

Content-type: text/plain; charset=us-ascii

Gang,

I have been powering my QRP gear with an old military surplus power supply that has variable output voltage from about 7 to 18

VDC. It will handle 20 Amps or more. The problem is that, when I turn off the power supply, the voltage jumps up for a couple of seconds to nearly 20V before dropping slowly to zero. This means that I have to be careful to turn off everything connected to the power supply before I turn off the power supply. However, the over-voltage problem can still occur if there is a power outage, someone else switches off the power supply, or I forget to power down in the proper sequence. Another concern is that the voltage may shoot up at other times that I'm not aware of, such as when there is a change in the load.

Do you have any suggestions as to how I can avoid having to discard this nice power supply? Unfortunately, I don't have a schematic for the unit. Should I add an outboard voltage regulator of some sort??

Any ideas will be greatly appreciated.

Thanks & 72,
Jeff
WB5GWB
Long Island, NY

Ask me about the Long Island QRP Club!

Date: Fri, 3 Nov 2000 12:36:09 -0800
From: "K7FD" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83075] Re: Reminder of SS Tomorrow
Message-ID: <001f01c045d5\$b32a0540\$a78c80a7@lincoln.k12.or.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

K7Low will be in there swinging the qrp bat as well...

CU in SS,

John K7FD, op at K7Low
K7Low website: <http://www.teleport.com/~cqdx/qrpclub.htm>

>From: "Chuck Adams" <k7qo@primenet.com>

>
> Gang,
>
> For those of you that plan on just hanging out on the bands
> and calling CQ to generate a QSO over the weekend, it is my hope that you
are
> planning on doing this on the WARC bands. As Sweepstakes (SS)
> starts tomorrow ...

Date: Fri, 3 Nov 2000 15:25:37 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <jcasey@notes.cc.sunysb.edu>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [83076] Re: Power Supply Question
Message-ID: <002f01c045d4\$3d6e5c80\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hmm, sounds like there's an op amp in there as a reference and one
of the rails is going before the other...

Hmm, simple fix?

How about a small relay in series with the output. Powered by the
INPUT to the regulator, like right off the switch. If the switch is
110AC,
fine, just use a 110v AC relay. Then when you hit the switch, or even
if AC fails, the output relay will open almost immediately.

Should I assume there is no problem on power up? If so, then you may
want to build up a small 'turn on delay' into the relay. But keep it
instant
off.

Mike

> Gang,
>
> I have been powering my QRP gear with an old military surplus
> power supply that has variable output voltage from about 7 to 18
> VDC. It will handle 20 Amps or more. The problem is that, when

> I turn off the power supply, the voltage jumps up for a couple of
> seconds to nearly 20V before dropping slowly to zero. This means
> that I have to be careful to turn off everything connected to the
> power supply before I turn off the power supply. However, the
> over-voltage problem can still occur if there is a power outage,
> someone else switches off the power supply, or I forget to power
> down in the proper sequence. Another concern is that the voltage
> may shoot up at other times that I'm not aware of, such as when
> there is a change in the load.
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> discard this nice power supply? Unfortunately, I don't have a
> schematic for the unit. Should I add an outboard voltage
> regulator of some sort??
>
> Any ideas will be greatly appreciated.
>
> Thanks & 72,
> Jeff
>

Date: Fri, 03 Nov 2000 14:48:48 -0600
From: "George, W5YR" <w5yr@att.net>
To: mgemm@mtechnologies.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83077] Re: FOX: How to get a pelt, and how NOT to (long)
Message-ID: <3A0324B0.9F367F5D@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Marshall, I hear you and fully agree in spirit. I would ask only that you change the phrase "will listen" to "can hear."

The logic you propose relies totally on ALL participants being able to copy the Fox "well enough" to be able to follow what he is doing such that they all understand how to respond. I think that few of us really want to, or intend to, do anything that causes a problem in a Hunt. I also know that many times, and much of any particular time, the Fox can be anywhere from a real 599 to vaporsignal.

My observation is that, apart from those sad cases you so vividly describe, many good operators get out of synch with the Fox simply because they do not and/or cannot hear all that he is sending.

Sometimes some Foxii send "?" when they want another round of calls; others always send a partial callsign first and then the "?". But, what if you do not know which style a particular Fox follows or is he is inconsistent? And even worse but much more likely, what is a static crash takes out the partial callsign and all you copy is the "?" ? Some good folks then send their calls again; others who have been following the Fox do not. Who are the bad guys?

So, there are lots of valid reasons for good considerate Hounds doing "stupid" thoughtless things to degrade a good Hunt. But, in all fairness, the Hounds are not solely at fault if they are unable to copy the Fox enough to cooperate. And, the answer is not "to not compete if you do not have 100% copy" - what kind of Fox Hunt would that be? <:}

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Marshall Emm wrote:

> I don't want to sound pedantic, or arrogant, etc., but the whole purpose of the
> Foxhunt is FUN and if you ignore that, you're often spoiling it for others too.
> Just as with DX, the fox has to try to "control" the pileup, and he can only do
> that to the extent that the hounds will listen and adapt.

^^^^^^^^^^^^

Date: Fri, 3 Nov 2000 15:58:52 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [83078] Soon--K0EVZ FOX log
Message-ID: <200011031559_MC2-B994-8A64@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

Just to say I am working on the FOX log for last evening. Hope to have it
t
up there by mid-afternoon or so. I am trying to debug the log as much as=

possible beforehand. Thanks.

72/73,

--W.D. (Doc) Lindsey

DSBF

PO Box 6028

Bismarck, ND 58506

(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)

E-Mail =3D K0EVZ@arrl.net

Date: Fri, 03 Nov 2000 15:59:51 EST

From: Shepherd@aol.com

To: <qrp-1@lehigh.edu>

Subject: [83079] November Bacon Bits

Message-ID: <23.301e6e6.27348148@aol.com>

Mime-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

The November issue of the Flying Pigs QRP Club's newsletter is now on-line.

<http://www.mpna.com/fpqrp/news.html>

Remember, if you have an article or story you would like added to our newsletter, pass them along to me at:

n8ie@aol.com

72, oo

Dan, N8IE

FPqrp #-6

Date: Fri, 03 Nov 2000 13:10:32 -0800

From: John Arnold <arnoldas@pacbell.net>

To: qrp-1@Lehigh.EDU

Subject: [83080] Index Labs QRP+

Message-ID: <3A0329C8.133AAF73@pacbell.net>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

Does anyone know who to contact to get a Rev 4 chip for my rig??

I'm also having some keying problems using a paddle. Occassionally...actually too often, the keying "hangs up" in the middle of a character. Since the keying is directly into the processor I'm a little concerned. Yes...I can add a TICK, but I'd rather solve the problem. Any ideas out there??

John, WA6YSY

Email: wa6ysy@arrl.net

Date: Fri, 3 Nov 2000 16:47:20 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83081] RE: Reminder of SS Tomorrow
Message-ID: <125490A005E3D3118C9C00805FC743CC015E0A46@kahless.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

> If you can do 20wpm, plan on about 4 hours or so to get 100
> contacts for the SS pin for \$5 from the ARRL. It is a beautiful
> pin IMHO and well worth the effort. BUT, I can tell you if you
> are running 5W or less you need to have a good antenna or you
> will not be heard but by a few of the best operators on the air.
> Or ones that you have good reciprocity to.

Even if you don't have a good antenna, 100 QSOs should be pretty easy. The year I ran 10 milliwatts in SS, I managed 56 QSO and I had only an 80 meter dipole strung in between the buildings in Hartford.

The most important thing is to get on for a bit and have some fun, work a few new states and learn a bit more about how well QRP works even in tough conditions. Those SS ops are GOOD!

The 2nd most important thing is to get on, make at least a few contacts, and send in a log. It will take only about 250 QRP log entries to have more QRP than high-power entries and I really want to beat the QRO boys at something. I have even called in my markers on ARRL Lab favors and have a few HQ guys working QRP for the first time ever! So, get on for an hour or two, for yourself and for all of your fellow QRPers. Let's show the League we are serious about QRP!

See you this weekend. And please pass this along to the other QRP reflectors!

73,
Ed Hare, W1RFI
ARRL Lab

Date: Fri, 3 Nov 2000 16:56:30 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". NJ QRP-L" <njqrp@njqrp.org>, ".G-QRP Club" <GQRP@egroups.com>, ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [83082] Appalachian Trail Alert 11/04/00
Message-ID: <002a01c045e0\$ed60aa60\$db125cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Saturday, Nov. 4, 2000

WB3AAL, Ron and W6ABC/3, Jack
will be on the AT in PA starting around
15:00 UTC until 18:00 or 19:00 UTC.

We will be on CW.
Also SSB if someone would like a contact,
we will use the standard QRP frequencies
+/- due to QRM.

I will check my e-mail at 12:00 UTC for any
possible schedules.

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
 <http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	ARRL Life Member
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173

NorCal
ARS # 380
VA QRP Society #45
K2 sn1392

Zombie #625
HI QRP #153
MI QRP #1703
NJ QRP #179

Date: Fri, 3 Nov 2000 13:50:45 -0800
From: schoon@amgt.com
To: <qrp-l@Lehigh.EDU>
Subject: [83083] Linux CW Programs??
Message-ID: <c=US%a=_%p=American_Geotech%l=AG-CALCITE-BD-001103215045Z-4904@mail.amgt.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Good Afternoon!

On the heels of SS, I am in the process of setting up a home station after nearly a 15 year absence! I've scoured high and low looking for CW programs for Linux. I've found a few practice programs, but I'm looking for memory keyer type software. The idea is to feed it a text file and it will send it out, as well as using the keyboard. Any ideas??

Thanks!

72

.mark

IS Manager

One of the worst months that was.....

Date: Fri, 3 Nov 2000 16:56:36 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83084] RE: November QST and QRP
Message-ID: <125490A005E3D3118C9C00805FC743CC015E0A47@kahless.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

The December issue has a nice bonus for QRP, too -- there is a technical

article that is a "Product Review" style roundup of the following kits:

Emtech NW80/20
Small Wonder Labs DSW-40
Oak Hill Research OHR-100A
Wilderness Radio SST
Small WOnder Labs SW-40+
Red Hot Radio RH-20

I will post this one on the ARRL TIS QRP page, although by policy, we wait a month or two so we don't get in too much trouble with the editor.

Part 2 of Cebik's article on antenna modeling is also found in the issue. I will put this series as a new Antenna Modeling web page, once the series is complete and I waited long enough not to honk off the editor.

The K1 new Product Announcement is also in the December issue. Though I can't discuss the Product Review schedule, I can state the policy that ARRL seeks to review every major piece of amateur-radio equipment... :-)

BTW, the entire December issue is in color -- it looks nice!

73,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St
Newington, CT 06111
Tel: 860-594-0318
FAX: 860-594-0259
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org>
ARRL Technical Information Service: <http://www.arrl.org/tis/>

-----Original Message-----

From: James R. Duffey [<mailto:jamesd1@flash.net>]
Sent: Wednesday, November 01, 2000 10:34 PM
To: Low Power Amateur Radio Discussion
Subject: November QST and QRP

There are some interesting QRP related things in November QST. If you don't subscribe, you might want to get to your local library or newstand to check them out.

Chuck Adams has already pointed out that W4RNL, L. B. Cebik, has started a four part article on antenna modeling. It is up to L. B.'s usually fine,

detailed, and easy to understand standards. I look forward to parts 2, 3, and 4.

There is a Product Review of the NorCal SMK-1 surface mount transciever. It takes up a whole page. Good words are said about the SMK-1 and I suspect that it will bring another round of orders. I hope that we see similar reviews for more of the QRP kits that are released.

The QRP Power column is entitled "The NorCal 40A-an Instant Classic" and pays homage to NorCal's (now sold by Wildernwess Radio) first kit that established Doug, Jim and the rest of the NorCal volunteers as the most successful "amateur" amateur radio manufacturer ever. It is strange to me that a rig that is still in production can be called a classic, but I guess that is a matter of taste. Rich says that the NorCal 40 tested by QST in their June 1996 QST article reviewing several QRP rigs was "highly modified". Does anybody know what modifications were made and how they affected the results that QST measured and reported? I don't recall any mention of modifications in the aritcle when it was published. I hope that Rich does a column soon on the SWL + and Elmer 101 project. That is also a modern classic; both the rig and the group build/learning project that it inspired.

There is also a review of "The Electronics of Radio" by David Rutledge KN6EK, a EE professor at CalTech. The book uses the NorCal 40 to illustrate various principles of radio. The review is favorable. By the way, has anybody been able to purchase a published (not advance edition or bound galley proofs) version of this book? My book buyer was unable to locate the book in "Books in Print" or at Amazon.com. She was going to look it up in the Cambridge University Press winter catalog to see if it has been released.

Another nice selection of QRP related articles in QST this month. If this keeps up, I may have to renew my membership. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Fri, 03 Nov 2000 14:28:02 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: w1rfi@arrl.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83085] Re: November QST and QRP
Message-ID: <3A033BF2.91749D29@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

"Hare,Ed, W1RFI" wrote:

>
> The December issue has a nice bonus for QRP, too -- there is a technical
> article that is a "Product Review" style roundup of the following kits:
>
> Emtech NW80/20
> Small Wonder Labs DSW-40
> Oak Hill Research OHR-100A
> Wilderness Radio SST
> Small WOnder Labs SW-40+
> Red Hot Radio RH-20
>

Thanks for the heads-up, Ed. I can usually find the reviews on the
Member's page before I get my QST .. by a couple of weeks.

73, Phil W7OX

Date: Fri, 3 Nov 2000 17:54:55 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [83086] K0EVZ FOX Log 11/3/2000
Message-ID: <200011031755_MC2-B98B-EF8A@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

Here is my log as FOX last evening. Will probably =
post a soapbox later, but I wanted to get this out ASAP. =

Thanks to Tom N1TP who has eagle eyes, and who
is the log checker. Thanks also to Kevin K9IUA, who
was a guest in the shack last evening. He is a FB =

operator and he helped me listen through the QRM.

0232	NQ7X	559	AZ	Floyd	5w	
0235	W9XU	599	WI	Lon	5w	
0235	N0TU	559	CO	Steve	5w	
0235	K2Q0	579	NY	Mark	5w	
0237	KR0I	559	MO	Mac	5w	
=3D=						
=3D=						
0238	W1IBL	599	MI	Vin	75w	(sic)
0239	N6WG	559	CA	Bob	5w	
0242	NK7M	559	AZ	Bob	5w	
0242	K7FD	559	OR	John	5w	=
0244	N9SE	559	IN	Bill	1w	
=3D=						
=3D=						
0246	W0RW	579	CO	Paul	5w	
0247	AB0GO	559	CO	Dave	5w	
0248	W0CH	559	MO	Dave	5w	
0249	K5VUU	559	TX	Ed	5w	
0250	N8IE	559	OH	Dan	5w	
=3D=						
=3D=						
0251	KK5LD	559	TX	Dan	5w	
0253	N4ROA	559	VA	Dan	4w	
0255	WS4S	559	TN	Conard	5w	
0256	K0PC	579	MN	Pat	5w	
0257	W8SFF	559	MI	Steve	5w	
=3D=						
=3D=						
0258	AC3A	559	NY	Scott	5w	
0259	N9AW	599	WI	Jerry	5w	
0301	N8VAR	339	OH	Ron	5w	
0302	N6NU	559	CA	Andy	5w	
0305	KB8WW	559	OR	Art	5w	
=3D=						
=3D=						
0306	W0AV	599	MO	George	5w	
0307	KQ5U	559	TX	Terry	5w	
0308	AC5JH	559	OK	Tom	5w	
0309	WA50JE	559	TX	Danny	5w	
0310	N5JI	559	TX	Rich	5w	
=3D=						
=3D=						
0312	N5EN	559	TX	Steve	5w	
0313	NK6A	559	CA	Don	5w	
0315	AF4PS	449	FL	Mac	4w	
0316	KC1FB	559	CT	Jim	5w	
0317	W7ILW	559	AZ	Howard	3w	

=3D=
=3D=3D=3D=3D=3D=3D=3D=3D=3D

Page No.

Date

0319	N5TW	579	TX	Tom	5w
0320	K5DW	559	TX	Don	5w
0321	N2CQ	559	NJ	Joe	5w
0323	WA0SXV	559	MO	Mike	5w
0325	WB9HFK	559	IL	Mark	5w

[illegible]

0326	WB0CFF	579	MN	Carl	500w (sic)
0327	K5EOA	559	LA	Wayne	5w
0328	WA8BXN	559	OH	Mike	5w
0330	W6ABC	559	CA	Jack	5w
0331	AA3SJ	559	PA	Ed	5w

[illegible]

0335	N2L0	559	NJ	Bob	5w
0336	K1CL	559	MA	Chuck	5w
0338	NK9G	559	WI	Rick	5w
0340	W5HNS	559	TX	Henry	5w
0341	AK1P	559	CA	Paul	5w

[illegible]

0343	AF4LQ	569	KY	Mike	4w
0346	K4FB	559	FL	Paul	5w
0347	N3YSE	559	PA	Paul	5w
0348	N1TP	559	FL	Tom	5w
0349	K8ZT	559	OH	Tony	5w

[illegible]

0351	KK7GG	559	OR	Mike	5w
0353	VA7NT	559	BC	Paul	5w
0355	K2FN	559	NJ	Frank	5w
0356	KC5U	559	TX	Terry	5w
0357	N5ZE	559	TX	Lew	5w

[illegible]

0000 K0EVZ - - FOX

TOTAL = 3D 91 QSOs including K0EVZ

Date: Fri, 03 Nov 2000 18:04:59 EST

From: n5ib@juno.com

To: qrp-1@Lehigh.edu

Subject: [83087] CONTEST - QRP Bulls & ARRL-SS

Message-ID: <20001103.170354.4663.0.N5IB@juno.com>

As of 9 am this morning Louisiana had no Registered Bull. So I'll take the plunge.

In all honesty I don't have a lot of confidence that my station (antenna, specifically) will render this effort very productive, but I'll dive right in.

I will concentrate on 10 m and 15 m where I should be more effective. I'll work the highest band open. Look for me up the band a bit away from the bedlam below. I will CQ at the top of each even hour UTC (1600Z, 1800Z, etc) and keep it up long enough to make sure folks looking for me have a chance to find me. I'll go back to S&P if I get no takers.

Check out the list of Bulls at

<<http://personal.palouse.net/rfoltz/arci/bullst.htm>>

Good luck to all, and send in those logs.....

72

Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 3 Nov 2000 15:06:16 -0800 (PST)
From: Jim NOUR <n0ur@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [83088] Running of the Bull spots
Message-ID: <20001103230616.90074.qmail@web10408.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

For some reason my posting did not make it on the list yesterday, wonder what I did wrong now.

It may be a good idea to have a spot to look for the "Bulls" and other qrp stations during SS.

Listen for me calling CQ between
28090-28100
21090-21100

Good luck on 20
7090-7100
3590-3600

I hope others will stop by and listen for me and other
QRP SS stations. I will try and sit still and call
CQ, but I have trouble sitting still.

I plan on operating the whole 24 hours again, hope to
work many "Q" stations.

Good luck!

Jim NOUR

Do You Yahoo!?

>From homework help to love advice, Yahoo! Experts has your answer.
<http://experts.yahoo.com/>

Date: Fri, 03 Nov 2000 23:09:30 GMT
From: "Tom Dufresne" <tdufres@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [83089] Circuit Board Specialists
Message-ID: <F60wM000JrzF5ldfZWj00009ddf@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Anyone know if they are still in business?
Circuit Board Specialists
Pueblo, CO 81002

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Share information about yourself, create your own public profile at
<http://profiles.msn.com>.

Date: Fri, 3 Nov 2000 15:19:35 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <tdufres@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [83090] Re: Circuit Board Specialists
Message-ID: <011401c045ec\$8866a2c0\$bf9ab2d1@tjacobs>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Tom,

Last I heard they were gone. You might check with Far Circuits
(<http://www.vbe.com/~farcir/>) if there is a particular PCB that you are
looking for. Take care...

73
Trev
KG6CYN

> Anyone know if they are still in business?
> Circuit Board Specialists
> Pueblo, CO 81002

Date: Fri, 3 Nov 2000 16:18:03 -0800
From: Thomas J Whalen <wb5qyt1@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [83091] Norcal 10m rig?
Message-ID: <20001103.161806.-138195.1.wb5qyt1@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang, when will the Norcal 10m rig be out? Im sure there have been some
posts on this subject and I missed it....Glad to be able to finally post
to this list!!!! 72, Tom WB5QYT...."Have spud will travel!"

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 3 Nov 2000 16:16:23 -0800
From: Thomas J Whalen <wb5qyt1@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [83092] 38s info
Message-ID: <20001103.161806.-138195.0.wb5qyt1@juno.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Gang, what was the going price for the 38s in it's kit form? Can't remember and have one spoken for. Seems like it was 25 bux??....Tnx and 72, Tom WB5QYT..."Have spud will travel!"

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 3 Nov 2000 18:26:01 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [83093] [re]K0EVZ FOX log 11/3/2000
Message-ID: <200011031826_MC2-B995-F8F2@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Gang:

Just downloaded my copy of last evening's FOX log, which I posted a short= time ago. Yikes--I worked a long time trying to get the information accurate and the lines spaced right. Instead, it came back to me compute= r running all over the page. Hope everyone can read it okay. I used an older version of Compuserve software, and apparently the screen drivers a= nd printer drivers did not always agree... =

72/73,

--W.D. (Doc) Lindsey

DSBF

PO Box 6028

Bismarck, ND 58506

(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)

E-Mail =3D K0EVZ@arrl.net

Date: Fri, 3 Nov 2000 18:34:01 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [83094] Yaesu 1000MP or Kenwood 870?
Message-ID: <200011031834_MC2-B983-DBAA@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

Which rig would be the better choice for QRP--the Yaesu 1000MP or the Kenwood 870? Will be very interested in your feedback. Thanks in advance and GL with the SS tomorrow.

72/73,
--W.D. (Doc) Lindsey
DSBF
PO Box 6028
Bismarck, ND 58506
(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)
E-Mail =3D K0EVZ@arrl.net

Date: Fri, 3 Nov 2000 16:46:26 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Mike Yetsko <myetsko@insydesw.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [83095] Re: FOX Re: Calling the Fox on his freq
Message-ID: <Pine.LNX.4.10.10011031643280.869-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm not talking about 30 year old outboard vfo's! There are people still using crystal set receivers and have 2 crystals for 40 meters. But they will seldom work a Fox. My 12 year old ts-140 has 2 vfo's in software and are super easy to use. You can get a ts-140 for less than a k2 kit.

On Fri, 3 Nov 2000, Mike Yetsko wrote:

> From: Karl F. Larsen <k5di@zianet.com>
> >

> > Even people with no rit can work split frequency. They need to
> > keep track of both there frequency and the fox's fequency...hard to
> do.
> > But can be done. Spend money and get a radio with 2 vfo's.
>
> Hey, I can even do that with my Swan 500c! But did you ever see the
> size of (and effort required to change) those switches for 'dual VF0'?
>
> Mike
>
>
>
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Fri, 3 Nov 2000 16:42:01 -0700
From: Bill Walker <windal@azstarnet.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [83096] Parts supplier
Message-ID: <00110316501000.18851@deneb>
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Hello all,

Could someone tell me the web page of a company that stocks and sells components such as the AD9835, SA612, etc. I usually like DigiKey simply due to the easy of checking price, availability and order status but they don't seem to carry non-garden variety types of components such as these.
Tnx in advance for any help...

72

--
Bill Walker - KD7JZB
kd7jzb@qsl.net
<http://www.qsl.net/kd7jzb>

End of QRP-L Digest 1995
